

20011225.qrp v02\_n416.qrl.20011225

Date: Tue, 25 Dec 2001 19:03:08 EST  
From: qrp-l@Lehigh.EDU  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: QRP-L digest 2416

## QRP-L Digest 2416

Topics covered in this issue include:

- 1) [115895] Re: Phone spectrum land grab, as expected  
by John Wagner <john@wagner-usa.net>
- 2) [115896] Re: Phone spectrum land grab, as expected  
by "Harry Hurst" <wa3ptg@home.com>
- 3) [115897] Re: [115805] Re: Phone spectrum land grab, as expected  
by Doug Faunt N6TQS +1-510-655-8604 <faunt@panix.com>
- 4) [115898] Re: [115805] Re: Phone spectrum land grab, as expected  
by "Harry Hurst" <wa3ptg@home.com>
- 5) [115899] Re: [115852] Re: Being the only station from somewhere during sweeps  
by Doug Faunt N6TQS +1-510-655-8604 <faunt@panix.com>
- 6) [115900] "Grab"bing at Old Technology...  
by Todd Enders <enders@bolshoi.cc.misu.nodak.edu>
- 7) [115901] Re: Straight Keys  
by Pete Burbank <plburbank@kih.net>
- 8) [115902] Re: "Grab"bing at Old Technology...  
by "Harry Hurst" <wa3ptg@home.com>
- 9) [115903] Re: [115805] Re: Phone spectrum land grab, as expected  
by kg4dzu@juno.com
- 10) [115904] Re: "Grab"bing at Old Technology...  
by kg4dzu@juno.com
- 11) [115905] Great Circle Map Generator  
by Arthur Moe <kb7ww@uswest.net>
- 12) [115906] Re: Windows XP  
by David Hinerman <wd8civ@worldnet.att.net>
- 13) [115907] Re: Printed circuit board stuff & interesting DX  
by David Hinerman <wd8civ@worldnet.att.net>
- 14) [115908] Re: Holiday Milliwatt CW Contest 12/26-12/29/01  
by Paul Womble <pwomble1@tampabay.rr.com>
- 15) [115909] Re: Holiday Milliwatt CW Contest 12/26-12/29/01  
by "JOSEPH PIRKLE" <ad4ih@worldnet.att.net>
- 16) [115910] giveaway - Houston, Texas area  
by Michael Goins <mgoins@usa.net>
- 17) [115911] Re: Computer Time Line  
by "blinn" <blinn@sngazette.com>
- 18) [115912] Re: Printed circuit board stuff & interesting DX  
by David Hinerman <wd8civ@worldnet.att.net>
- 19) [115913] Re: Printed circuit board stuff & interesting DX

- by "Brad Hernlem" <alihernlem@hotmail.com>
- 20) [115914] [SPICE] Bandspreading with Tapped Coils; a reference  
by "Brad Hernlem" <alihernlem@hotmail.com>
- 21) [115915] Stright key vs. keyers  
by Drbob92031@aol.com
- 22) [115916] Re: Computer Time Line  
by Dave Fouchey <dafouchey@home.com>
- 23) [115917] tubes  
by Oscar A Hoyt <k5ubs@juno.com>
- 24) [115918] THANK YOU AND MERRY CHRISTMAS  
by W2BJ <w2bj@minsky.info>
- 25) [115919] IC-746 Filter Combination  
by "NZ8J" <timcook@erinet.com>
- 26) [115920] San Diego QRPers?  
by "James R. Duffey" <jamesd1@flash.net>
- 27) [115921] Re: Straight Keys  
by wkhibbert@juno.com
- 28) [115922] Re: Straight Keys  
by Bruce Muscolino <w6toy@erols.com>
- 29) [115923] Merry Christmas  
by Daryl Cline <wb4yex@yahoo.com>
- 30) [115924] OT: a holiday wish  
by "Alan Kaul" <alan.kaul@worldnet.att.net>
- 31) [115925] I need advice es counseling  
by Dragon Singer <WM-Scace@wiu.edu>
- 32) [115926] Re: IC-746 Filter Combination  
by "Stephane Collas" <stephane.collas@wanadoo.fr>
- 33) [115927] Re: Printed circuit board stuff & interesting DX  
by "Leon Heller" <leon\_heller@hotmail.com>
- 34) [115928] Re: Printed circuit board stuff & interesting DX  
by "Leon Heller" <leon\_heller@hotmail.com>
- 35) [115929] Re: Printed circuit board stuff & interesting DX  
by "Leon Heller" <leon\_heller@hotmail.com>
- 36) [115930] Re: Vertical Dipole Question  
by "Pastor-KC1DI" <elbc@pivot.net>
- 37) [115931] Re: Straight Keys  
by "Pastor-KC1DI" <elbc@pivot.net>
- 38) [115932] Straight Keys -- T.I.C. Play on Words  
by Chuck Carpenter <W5USJ@go.com>
- 39) [115933] Re: "Grab"bing at Old Technology...  
by George Franklin <w0av@juno.com>
- 40) [115934] Re: "Grab"bing at Old Technology...  
by W2BJ <w2bj@minsky.info>
- 41) [115935] Re: "Grab"bing at Old Technology...  
by George Franklin <w0av@juno.com>
- 42) [115936] Re: Straight Keys -- T.I.C. Play on Words  
by W2AGN <w2agn@pobox.com>
- 43) [115937] Re: Stright key vs. keyers

by W2AGN <w2agn@pobox.com>  
44) [115938] Re: "Grab"bing at Old Technology...  
by kg4dzu@juno.com  
45) [115939] Re: "Grab"bing at Old Technology...  
by kg4dzu@juno.com  
46) [115940] RE: Straight Keys  
by Nick Kennedy <nkennedy@tcainternet.com>  
47) [115941] Merry Christmas & HNY  
by Nick Kennedy <nkennedy@tcainternet.com>  
48) [115942] Straight keys  
by Michael Goins <mgoins@usa.net>  
49) [115943] RE: Straight Keys  
by Jim Campbell <jim-c@nc.rr.com>  
50) [115944] Re: "Grab"bing at Old Technology...  
by "Francis Callahan" <colcal@srv.net>  
51) [115945] Re: Straight Keys  
by W2AGN <w2agn@pobox.com>  
52) [115946] Re: Straight Keys  
by "George, W5YR" <w5yr@att.net>  
53) [115947] TT2 QSOs  
by "blinn" <blinn@smgazette.com>  
54) [115948] Re: Vertical Dipole Question  
by "George, W5YR" <w5yr@att.net>  
55) [115949] Re: "Grab"bing at Old Technology...  
by George Franklin <w0av@juno.com>  
56) [115950] Re: Vertical Dipole Question  
by "James R. Duffey" <jamesd1@flash.net>  
57) [115951] Re: this "Phone Grab" thing  
by "J. Duffy Beischel" <duffy01@fuse.net (NOSPAM) >  
58) [115952] Re: Straight Keys  
by Dave Fouchey <dafouchey@home.com>  
59) [115953] Re: "Grab"bing at Old Technology...  
by "George, W5YR" <w5yr@att.net>  
60) [115954] Re: "Grab"bing at Old Technology...  
by George Franklin <w0av@juno.com>  
61) [115955] Re: Windows XP  
by "W3CDE Jerry L." <w3cde@bellsouth.net>  
62) [115956] QRS/QRQ  
by "w2wurjj" <w2wurjj@verizon.net>  
63) [115957] Re: Straight Keys  
by Tom Popovic <ki3r@yahoo.com>  
64) [115958] Re: "Grab"bing at Old Technology...  
by "JOSEPH PIRKLE" <ad4ih@worldnet.att.net>  
65) [115959] Re: Straight Keys  
by Doug <doug@ycsi.net>  
66) [115960] Merry Christmas  
by "W3CDE Jerry L." <w3cde@bellsouth.net>  
67) [115961] Re: "Grab"bing at Old Technology...

by "George, W5YR" <w5yr@att.net>  
68) [115962] For Sale  
by "Francis Callahan" <colcal@srv.net>  
69) [115963] RE: Straight Keys  
by "Jensen, Gary" <GJensen@shaklee.com>  
70) [115964] Merry Christmas and Thanks  
by Donn Kuse <casey.jay@gte.net>  
71) [115965] 6 meter openings  
by "bob baxter" <rbaxter@cybertrails.com>  
72) [115966] Overtone xtal with '602  
by "Leon Heller" <leon\_heller@hotmail.com>  
73) [115967] [Straight Keys] J-44 vs .....  
by "Brad Hernlem" <alihernlem@hotmail.com>  
74) [115968] Re: this "Phone Grab" thing  
by "ZOOM" <kandrparker@sympatico.ca>  
75) [115969] Code Warrior Jr. question  
by "mike" <mgolini@home.com>  
76) [115970] Re: [Straight Keys] J-44 vs .....  
by Bruce Muscolino <w6toy@erols.com>  
77) [115971] Holiday Milliwatt Contest  
by W2AGN <w2agn@pobox.com>  
78) [115972] Re: Straight Keys  
by "Trevor Jacobs" <fxtech@earthlink.net>  
79) [115973] Re: Overtone xtal with '602  
by "Mike Branca" <w3irz@att.net>  
80) [115974] Re: [Straight Keys] J-44 vs .....  
by "Pastor-KC1DI" <elbc@pivot.net>  
81) [115975] Re: [Straight Keys] J-44 vs .....  
by "Mike Branca" <w3irz@att.net>  
82) [115976] Re: Stright key vs. keyers  
by "Howard Kraus" <K2UD@adelphia.net>  
83) [115977] Re: [Straight Keys] J-44 vs .....  
by George Franklin <w0av@juno.com>  
84) [115978] Re: [Straight Keys] J-44 vs .....  
by Pete Burbank <plburbank@kih.net>  
85) [115979] Re: Printed circuit board stuff & interesting DX  
by David Hinerman <wd8civ@worldnet.att.net>  
86) [115980] Re: [Straight Keys]  
by "Greg Breeden" <gbreeden@pivot.net>  
87) [115981] Re: Printed circuit board stuff & interesting DX  
by "Leon Heller" <leon\_heller@hotmail.com>  
88) [115982] Re: Overtone xtal with '602  
by "Leon Heller" <leon\_heller@hotmail.com>  
89) [115983] Re: Code Warrior Jr. question  
by "Rod N0RC" <rod@n0rc.com>  
90) [115984] Re: [Straight Keys] J-44 vs .....  
by Bruce Muscolino <w6toy@erols.com>  
91) [115985] Re: Stright key vs. keyers

by "Tom Pennebaker" <n4rs@netpath-rc.net>  
92) [115986] RE: [Straight Keys] J-44 vs .....  
by "David Bixler" <qrp@netins.net>

-----  
Date: Mon, 24 Dec 2001 19:01:53 -0500  
From: John Wagner <john@wagner-usa.net>  
To: unlisted-recipients;; (no To-header on input)  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [115895] Re: Phone spectrum land grab, as expected  
Message-ID: <3C27C1F1.FF807198@wagner-usa.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

K4IA@aol.com wrote:

>  
> Well, I guess we will just have to disagree on the amount of Phone and PSK  
> vs. CW usage. Sure, 20 mtr SSB gets crowded. That's where the Old Timers  
> meet to compare notes on their gall bladder surgeries. The other phone bands  
> don't have a whole lot going on. I hear plenty of CW signals and if you are

I disagree with you on that point Craig. The other Phone bands have plenty going on, including DX. 10m (when it's open) is loaded, as are all the other HF SSB segments. I've heard 10 and 15 SSB Q's going on and NOT A ONE on the CW portions. This isn't a once in a while thing either, it's commonplace.

The fact of the matter is the Phone ops are using their bandwidth and we're not.

> talking DX, there is no comparison. CW outnumbered SSB ten to one in the rest  
> of the world.

I don't think so.. and I think the band activity backs up my assertion.

> As for PSK, it is a neat mode but once the "golly gosh" wears off, what do  
> you have? It is about as interesting as AOL Instant Messenger and the only  
> challenge is remembering which macro key to hit and then staying awake during  
> the other guy's endless brag macro.

I agree with you here. As a data mode it's pretty poor at sending correct data. It's great for low power though and I think it's neat ('specially my little warbler!) - that's about it.

> I guess you can tell I am a CW fan. I do disagree with you about CW not

FWIW, I am too (a CW fan). I don't find youngsters typically like it though. Most that I've shown the shack are more interested in Phone. Even data modes (like PSK) don't typically excite them, the internet does it better (and more error free) and with a lot less hassle.

Could be I'm introducing CW the wrong way... or maybe not?

> But, you may be surprised that I agree with you on one thing at least: I was  
> glad to see the requirement dropped to 5 wpm for all licenses. CW is a big  
> piece of ham radio but it is not everyone's cup of tea. I have even  
> suggested that CW be made an element of the exam rather than a pass/fail  
> requirement. In other words, you could flunk it and still pass the exam if  
> you got enough other questions right.

That would be a great idea. My version of it is a little different; I'd like to see the CW test as an additional qualification, if you pass you can use the CW portion of the bands. If you don't, it's phone land only. If that were the case I don't think you would have seen the 20wpm test go away. This way if you have no intention of using CW on the air you don't have to take the test (and why should you?). The exception to this is below...

> So, I guess what I am coming to is: this is not a CW vs other mode dispute.  
> We are all in agreement on the need to attract new hams. I think a Novice  
> Class license and a low power Novice Class sub-band makes a lot of sense. I

I think the name of the Novice class [vs the current Tech class] is one of semantics. I would like to see a small slice of the current HF CW allocation opened up to Techs who have NOT passed a CW test. They can then learn while doing, which is a lot more fun IMNSHO.

I also agree with you that we need to attract more young people into ham radio. I think this is true for two reasons;

1. The hobby needs fresh blood to survive (some people don't care, I do).

2. It's a great hobby and it can enrich young and old peoples lives (this is why I care). One of the greatest things I find about ham radio is that it's an endless and open book of learning and other hams are more then willing to take the time to teach. My grandfather once told me the day you stop learning is the day you start dying - I try to learn something every day.

The treasures of this hobby don't come from passing a test or qualifying CW at a certain speed. They come from every one who is involved in passing the torch of knowledge and skill. If there is one thing I would like to see go away in Ham Radio it is the attitude of the vocal few who

insult others and their accomplishments (those who sling terms like "Extra Lite" for instance). I didn't have an easy time getting my Extra class ticket and I certainly didn't memorize 500 questions in the back of a book to do it. It's frustrating to see these insults and know they come from other Hams who should know better.

73 es Merry Christmas to all,

John, N1Q0

>  
> Merry Christmas to all. 73  
>  
> Radio K4IA  
> Craig Buck  
> Fredericksburg, Virginia USA  
> QRP ARCI #2550 FISTS #6702 CC 788 Diamond #64  
> K1 #470

--

John Wagner - john@wagner-usa.net  
Web page: <http://www.neknetwork.com>

-----  
Date: Mon, 24 Dec 2001 19:00:10 -0500  
From: "Harry Hurst" <wa3ptg@home.com>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [115896] Re: Phone spectrum land grab, as expected  
Message-ID: <003c01c18cd7\$21002740\$0400a8c0@home.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
          charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

> We most likely won't hear much about the League, or others, making an  
> effort to solve the conflicts between rtty and qrp freqs...

Why do we have to wait for the league? What do they care about 7040? Who are the big guns of RTTY & Packet? Maybe the league could help by setting up a committee of QRP & digital folks in NA to come up with a gentlemen's agreement on where to operate. Worst case we would have to spend \$3 for new Tuna Tin II crystals.

Hap, WA3PTG  
Wilmington, the Lower Counties

-----  
Date: Mon, 24 Dec 2001 19:25:43 -0500 (EST)  
From: Doug Faunt N6TQS +1-510-655-8604 <faunt@panix.com>  
To: qrp-1@lehigh.edu  
Subject: [115897] Re: [115805] Re: Phone spectrum land grab, as expected  
Message-ID: <200112250025.fBP0Pht27977@panix3.panix.com>

My two bits on this: We don't need more 'phone or CW bands, we need some QRP bands! Building and operating low power rigs obviously fits a deep need, and dedicated bandwidth so the new operators can do this without getting frustrated is, I think, a priority.

That was one of the advantages of the Novice bands, badly placed as they were.

73, doug

-----  
Date: Mon, 24 Dec 2001 19:37:00 -0500  
From: "Harry Hurst" <wa3ptg@home.com>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [115898] Re: [115805] Re: Phone spectrum land grab, as expected  
Message-ID: <004601c18cdc\$44738640\$0400a8c0@home.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

> My two bits on this: We don't need more 'phone or CW bands, we need  
> some QRP bands! Building and operating low power rigs obviously fits  
> a deep need, and dedicated bandwidth so the new operators can do this  
> without getting frustrated is, I think, a priority.  
>  
> That was one of the advantages of the Novice bands, badly placed as  
> they were.

So let's head up to 7122 KHz. Save that last 25 KHz. of the band.

Hap

-----  
Date: Mon, 24 Dec 2001 19:39:26 -0500 (EST)



From: Doug Faunt N6TQS +1-510-655-8604 <faunt@panix.com>  
To: aa4lr@arrl.net  
Cc: ham@w3eax.umd.edu, qrp-1@Lehigh.EDU  
Subject: [115899] Re: [115852] Re: Being the only station from somewhere during sweeps  
Message-ID: <200112250039.fBP0dQv29012@panix3.panix.com>

Date: Mon, 24 Dec 2001 12:26:20 -0500  
From: Bill Coleman <aa4lr@arrl.net>

On 12/15/01 7:21 PM, Scott Rosenfeld [N7JI] at ham@w3eax.umd.edu wrote:

>Seriously, if there'd been even ONE more station on from ND, I'm sure  
>wb0o would have had the clean sweep, but of the thousands of people on the  
>air, there was apparently only ONE from North Dakota that was  
>participating (and we know who that was).

Bill, WB00, is a well-known contester who gladly hands out North Dakota in many domestic contests, both CW and SSB.

I'm sure there were a couple more stations in ND, it's just that Bill didn't happen to work them. That's the breaks -- and it is part of what makes contesting fun.

Hey, just ask VY1JA if he managed to work anyone in YT/NWT...

For 'phone SS, Jay wasn't on, but there were at least two other stations on from up there.

I must say, Bill has been most of my ND contacts, but not all.

73, doug

-----  
Date: Mon, 24 Dec 2001 18:41:44 -0600  
From: Todd Enders <enders@bolshoi.cc.misu.nodak.edu>  
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>  
Subject: [115900] "Grab"bing at Old Technology...  
Message-ID: <200112250041.AA00475@bolshoi.cc.misu.nodak.edu>  
Content-Type: text/plain  
Mime-Version: 1.0 (NeXT Mail 4.2mach\_patches v148.2)

"Rod N0RC" <rod@n0rc.com> writes:

>What do CW, horse back riding, and manual transmissions have in  
>common? They are all victims of technological progress.  
>

Hmmm... Very interesting... I like CW, own a horse, and all  
my vehicles have manual transmissions... :-)

On the other hand, I \*don't\* ride the horse to work or the  
grocery store (no place to tie her up, for one thing). All the things  
mentioned above have their advantages under \*some\* circumstances,  
but just because those circumstances hold some import to you, there's  
no reason to expect \*anyone\* is going to see things the same way  
as you do.

It'll be interesting to see if the amateur population is growing any  
since the latest restructuring. IMHO, \*forcing\* people into CW via  
the old Novice license scheme was \*not\* in the best interest of  
growing the hobby. I seem to recall seeing that the number of new  
Novices fell pretty steadily the past 10-15 years or so. Indeed, hasn't  
the hobby in general been in something of a decline for a while (or at least  
in a low-growth mode)?

Now, don't get me wrong, I doubt amateur radio is in any danger of  
going away, nor should it! But, with all the other technology options out  
there, it \*is\* a difficult sell to the outsider/newcomer. About all we can  
do is to keep making the radio hobby \*FUN\*. Being locked in a perpetual  
flame war about how we should/should not bring back CW testing, et al,  
makes us look like a bunch of crochety old farts. Not exactly enticing to  
those on the outside looking in.

The other thing is, once we \*do\* get some infusion of new blood to  
the hobby, no guarantee they'll see amateur radio the way we do. That's  
their right, but don't be suprised to see things going in a direction \*you\*  
don't exactly care for. Thus is the course of progress... :-)

Merry Christmas and a Happy New Year to \*all\* of you!!! :-)

72/73,

Todd, AG0T

-----  
Date: Mon, 24 Dec 2001 19:58:08 -0500  
From: Pete Burbank <plburbank@kih.net>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [115901] Re: Straight Keys  
Message-ID: <5.0.2.1.0.20011224185143.00ab5750@KIH.net>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"; format=flowed

At 11:57 AM 12/20/2001 -0900, Jim Larsen - AL7FS wrote:

>Hmmm....I use a straight key.

>

>Jim, AL7FS

>

>W2AGN wrote:

>

> > I object to all this talk about Straight Keys. Nobody uses straight  
> keys any

> > more. Nobody even makes them any more. Everbody uses a keyer or a  
> keyboard! I

> > don't like the posts about straight keys and I want you all to stop talking  
> > about them!

> >

> > So there!

Jim and gang

Just refurbished a key for SKN from an .(evidently) Japanese practice set I  
stripped

out the buzzer and battery holder and the strangest metal can under the  
bakelite

mounting platform at the rear of the arm. Just out of curiosity, I got the  
big Weller gun

and opened the can only to find a loop of cotton rope! Still scratching my  
head about that

gadget but the key turned out great, very good feel like a J-38. I have a  
J-37 but don't

like the action much.

73 To All

Pete NV4V

-----  
Date: Mon, 24 Dec 2001 20:19:22 -0500

From: "Harry Hurst" <wa3ptg@home.com>

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: [115902] Re: "Grab"bing at Old Technology...

Message-ID: <005001c18ce2\$2f353c00\$0400a8c0@home.com>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

> makes us look like a bunch of crochety old farts. Not exactly enticing to  
uh, for the most part, we ARE a bunch of crochety old farts.

-----  
Date: Mon, 24 Dec 2001 20:35:57 -0500  
From: kg4dzu@juno.com  
To: faunt@panix.com  
Cc: qrp-1@Lehigh.EDU  
Subject: [115903] Re: [115805] Re: Phone spectrum land grab, as expected  
Message-ID: <20011224.203558.-16495345.1.kg4dzu@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Doug N6TQS wrote:  
My two bits on this: We don't need more 'phone or CW bands, we need  
> some QRP bands!

Now that is a great idea. Only problem - when the propagation is  
nominal, no one would think we are using the spectrum?

72 & oo's,  
Bruce Shaw, Gibsonville, NC  
KG4DZU/QRP  
FP-QRP #-89, QRP-ARCI #10242, QRP-L #2192, SOC #203, VQS#63, FISTS #6911,  
Knightlites,10-10# 71098, MI-QRP #1708

-----  
Date: Mon, 24 Dec 2001 20:32:48 -0500  
From: kg4dzu@juno.com  
To: wa3ptg@home.com  
Cc: qrp-1@Lehigh.EDU  
Subject: [115904] Re: "Grab"bing at Old Technology...  
Message-ID: <20011224.203558.-16495345.0.kg4dzu@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

We have SOC -now maybe someone can start COF.  
72 & oo's,  
Bruce Shaw, Gibsonville, NC  
KG4DZU/QRP  
FP-QRP #-89, QRP-ARCI #10242, QRP-L #2192, SOC #203, VQS#63, FISTS #6911,  
Knightlites,10-10# 71098, MI-QRP #1708

On Mon, 24 Dec 2001 20:19:22 -0500 "Harry Hurst" <wa3ptg@home.com>  
writes:

> > makes us look like a bunch of crochety old farts. Not exactly  
> enticing to  
>  
> uh, for the most part, we ARE a bunch of crochety old farts.  
>  
>

-----  
Date: Tue, 25 Dec 2001 01:57:04 +0000  
From: Arthur Moe <kb7ww@uswest.net>  
To: 50 mhz reflector <50mhz@topica.com>, k7oft <krm6@qwest.net>,  
k7rwt <bdlofgren@aol.com>, k7xd <k7xd@home.com>,  
Subject: [115905] Great Circle Map Generator  
Message-ID: <3C27DCF0.9A2E6C47@uswest.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

All,

Found this on the web and thought some of you might like to try it.

It is more than a Great Circle Map Generator, so down load it and  
try it out.

<http://pw1.netcom.com/~burtonpt/azmap.htm>

Art  
KB7WW

-----  
Date: Mon, 24 Dec 2001 20:48:09 -0500  
From: David Hinerman <wd8civ@worldnet.att.net>  
To: qrp-l@lehigh.edu  
Subject: [115906] Re: Windows XP  
Message-ID: <3.0.6.32.20011224204809.0079f8f0@postoffice.worldnet.att.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

At 02:37 PM 12/24/01 -0500, you wrote:

>That makes it sound like Microsoft is making it's customers pay for beta

>software.

It's not just Microsoft - they're just the most visible xample.

The saying "Never buy Version 1 of anything" doesn't just apply to Windows.

Dave

-----  
Dave Hinerman  
WD8CIV@worldnet.att.net

-----  
Date: Mon, 24 Dec 2001 20:57:49 -0500  
From: David Hinerman <wd8civ@worldnet.att.net>  
To: qrp-1@lehigh.edu  
Subject: [115907] Re: Printed circuit board stuff & interesting DX  
Message-ID: <3.0.6.32.20011224205749.00798120@postoffice.worldnet.att.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

At 02:57 PM 12/24/01 -0500, you wrote:

>Now, once many moons ago someone here was talking about some sort of  
>paper that went through a laser printer with a circuit board lay-out on  
>it. The subsequent laser print was then ironed onto the circuit board  
>material same as a heat-transfer graphic goes on a t-shirt. One of the  
>guys at work had some of that stuff & I've already begged him to give me  
>a piece of it in exchange for what it cost per sheet.

>

>But I want my own stash, man, y'dig?

Nils,

There's "press-n-peel," which is available from various sources. Digi-Key sells such a product, but I don't recall if it's that brand. Try searching the Web for "toner transfer" paper.

I've made my own by spreading mucilage on plain copier paper, letting it dry, then ironing it. Photocopy or laser print a 1:1 layout onto it, and iron it onto the copper-clad. Etch by your favorite method. I've done surface-mount ICs with 0.031 in. lead spacing, but it was a little tighter than I'd care to try again. (But I'm going to anyway.)

I've had some success with spreading liquid clothes starch on paper and ironing it to get the wrinkles out. (It feeds through the printer more

reliably.) But the starch seems to leave more paper stuck to the board, which makes for incomplete etching. But it's cheap.

Dave

-----  
Dave Hinerman  
WD8CIV@worldnet.att.net

-----  
Date: Mon, 24 Dec 2001 21:08:40 -0500  
From: Paul Womble <pwomble1@tampabay.rr.com>  
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Cc: Jack K4BYF <K4BYF@aol.com>, Joe AD4IH <ad4ih@arrl.net>,  
Fred W2XN <w2xn@arrl.net>,  
Subject: [115908] Re: Holiday Milliwatt CW Contest 12/26-12/29/01  
Message-ID: <3C27DFA8.F8933F71@tampabay.rr.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Look for K4LKL (Lakeland ARC Clubcall) running 500 miliwatts.

I should be on each day of the contest.

73  
Paul K4FB

-----  
Date: Mon, 24 Dec 2001 21:47:28 -0500  
From: "JOSEPH PIRKLE" <ad4ih@worldnet.att.net>  
To: <pwomble1@tampabay.rr.com>,  
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [115909] Re: Holiday Milliwatt CW Contest 12/26-12/29/01  
Message-ID: <001b01c18cee\$7f464020\$751b4e0c@pavilion>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="Windows-1252"  
Content-Transfer-Encoding: 7bit

Paul es All

Will be SWL on this one, but will log what I hear and post the reports on a time available basis.

Joe AD4IH

----- Original Message -----

From: "Paul Womble" <pwomble1@tampabay.rr.com>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Sent: Monday, December 24, 2001 09:08 PM  
Subject: Re: Holiday Milliwatt CW Contest 12/26-12/29/01

| Look for K4LKL (Lakeland ARC Clubcall) running 500 milliwatts.  
|  
| I should be on each day of the contest.  
|  
| 73  
| Paul K4FB  
|

-----  
Date: 24 Dec 2001 22:32:58 EST  
From: Michael Goins <mgoins@usa.net>  
To: qrp-1@LEHIGH.EDU  
Subject: [115910] giveaway - Houston, Texas area  
Message-ID: <20011225033258.25661.qmail@cpdvgl00.netaddress.usa.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset=US-ASCII  
Content-Transfer-Encoding: quoted-printable

I have hundreds of QSTs (and some CQs, old Ham Radios and even a few 73s=  
)I'll  
give to anyone in the Houston area that will come and get them. Will be  
available after Christmas. Full of construction articles, antenna ideas, =  
etc.  
- I simply don't have room for them anymore. =3D

Email me off list for details. =

72/73, and Merry Christmas to all.

mike  
wb5yjx



-----  
Get free e-mail and a permanent address at <http://www.amexmail.com/?A=3D1=>

-----  
Date: Mon, 24 Dec 2001 19:30:14 -0800  
From: "blinn" <blinn@smgazette.com>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [115911] Re: Computer Time Line  
Message-ID: <000a01c18cf4\$78fdeaa0\$7c69f040@blinn>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

When was it that Al Gore invented the Internet?

--

-----  
Date: Mon, 24 Dec 2001 22:47:47 -0500  
From: David Hinerman <wd8civ@worldnet.att.net>  
To: qrp-l@lehigh.edu  
Subject: [115912] Re: Printed circuit board stuff & interesting DX  
Message-ID: <3.0.6.32.20011224224747.00798130@postoffice.worldnet.att.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

At 08:57 PM 12/24/01 -0500, you wrote:

>I've made my own by spreading mucilage on plain copier paper, letting it  
>dry, then ironing it. Photocopy or laser print a 1:1 layout onto it, and  
>iron it onto the copper-clad. Etch by your favorite method.

I swear, I'd forget my own name if people weren't shouting it at me all the time.

After ironing the pattern onto the board, you have to soak it in hot water to remove the paper, leaving the toner behind. THEN etch.

I works much better that way.

Dave

-----  
Dave Hinerman  
WD8CIV@worldnet.att.net

-----  
Date: Tue, 25 Dec 2001 03:53:24  
From: "Brad Hernlem" <alihernlem@hotmail.com>  
To: qrp-1@lehigh.edu  
Cc: wd8civ@worldnet.att.net  
Subject: [115913] Re: Printed circuit board stuff & interesting DX  
Message-ID: <F28VXFfLFr9PTANGwin0000817b@hotmail.com>  
Mime-Version: 1.0  
Content-Type: text/plain; format=flowed

David, Nils et al.,

I've had rather good luck using sheets of glossy paper from magazines for toner transfer. The text covered areas work best. I've noticed problems with the sheets that contain photos. Print the board layout on the paper. Clean the PC board well to ensure good adhesion. I then place the paper against the board and wrap it in aluminum foil to promote even heat transfer and then press with a hot iron. A folded paper towel between the iron and foil helps to distribute the pressure evenly. Avoid lateral motion or the toner may smear (excess heat or pressure may also cause the traces to spread). When done, drop the board in cool water (not warm or hot), open the foil and let the paper soak to free it from the PC board. Be patient and let the water do most of the work. The paper will need to be peeled off but peeling too soon risks lifting the toner. If the toner didn't take then clean the board and start over (you did print extras didn't you?). Touch up broken or flawed traces with fingernail polish (also good for covering large areas that don't need to be etched ... toner transfer by this method does not work well for widescale coverage).

I believe that the glossy paper works well because it has a lot of "sizing" material (clay and stuff to stiffen and "glossify" the paper). This stuff holds the toner rather than the cellulose fibres (like the coatings in David's homebrew papers).

Brad

-----  
David Hinerman (wd8civ@worldnet.att.net) wrote:

At 02:57 PM 12/24/01 -0500, you wrote:

>Now, once many moons ago someone here was talking about some sort of

>paper that went through a laser printer with a circuit board lay-out on  
>it. The subsequent laser print was then ironed onto the circuit board  
>material same as a heat-transfer graphic goes on a t-shirt. One of the  
>guys at work had some of that stuff & I've already begged him to give me  
>a piece of it in exchange for what it cost per sheet.

>

>But I want my own stash, man, y'dig?

Nils,

There's "press-n-peel," which is available from various sources. Digi-Key sells such a product, but I don't recall if it's that brand. Try searching the Web for "toner transfer" paper.

I've made my own by spreading mucilage on plain copier paper, letting it dry, then ironing it. Photocopy or laser print a 1:1 layout onto it, and iron it onto the copper-clad. Etch by your favorite method. I've done surface-mount ICs with 0.031 in. lead spacing, but it was a little tighter than I'd care to try again. (But I'm going to anyway.)

I've had some success with spreading liquid clothes starch on paper and ironing it to get the wrinkles out. (It feeds through the printer more reliably.) But the starch seems to leave more paper stuck to the board, which makes for incomplete etching. But it's cheap.

Dave

-----  
Dave Hinerman  
WD8CIV@worldnet.att.net

-----  
Join the world's largest e-mail service with MSN Hotmail.  
<http://www.hotmail.com>

-----  
Date: Tue, 25 Dec 2001 04:05:31  
From: "Brad Hernlem" <alihernlem@hotmail.com>  
To: qrp-l@lehigh.edu  
Subject: [115914] [SPICE] Bandspredding with Tapped Coils; a reference  
Message-ID: <F57bH8J0sca0ZkfzDsk0000ef74@hotmail.com>

Mime-Version: 1.0  
Content-Type: text/plain; format=flowed

Folks,

For what it is worth, I dredged up an article on the subject, entitled "Band-Spreading - Its Effect on the 'Tuning Rate'" by F.H. Woodbridge, The Wireless Engineer, September, 1940, pp. 394-397. This rather pedagogical article discusses the different methods of bandspreading, mainly using parallel caps as well as tapped inductors. In the discussion of the latter arrangement, the author makes the approximation that the effective inductance at the tap point scales according to  $p^2$ , the square of the fraction of turns tapped. This approach is identical to that which I claim is more accurate in assigning inductances to coil fractions in SPICE modeling of tapped tuning coils (that is, rather than the alternative of using empirical formulae such as that of Wheeler to assign such inductances). However, to my dissatisfaction, the author provides no data to support any of his approximations.

Brad KG6IOE

P.S. Merry Christmas

---

Chat with friends online, try MSN Messenger: <http://messenger.msn.com>

-----  
Date: Mon, 24 Dec 2001 23:07:15 EST  
From: Drbob92031@aol.com  
To: QRP-L@lehigh.edu  
Subject: [115915] Stright key vs. keyers  
Message-ID: <4a.3f96fa2.29595573@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

I have been reading the post about this topic especially the post by w2agn. I love CW but cannot get on the air very often. I have a straight key and a home brew keyer. If I use the keyer I am sending much faster than I can copy. So the straight key gets the nod (or hand). If the objective is to communicate what difference does it make what key is used.

I think W2agn has a problem.  
72/73 de WA2EAW..Bob

-----  
Date: Mon, 24 Dec 2001 23:46:23 -0500  
From: Dave Fouchey <dafouchey@home.com>  
To: blinn@smgazette.com,  
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [115916] Re: Computer Time Line  
Message-ID: <4.1.20011224234409.0097ea90@localhost>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Ah another Urban Legend. what he SAID was he lead the initiative in Congress to implement the Internet as we now know it. A good bit different from what he is commonly thought to have said. what he said was true, what has been attributed to him as having said is not.

Asbestos Suit on

Dave  
WA4EMR/8

At 07:30 PM 12/24/2001 -0800, blinn wrote:  
>When was it that Al Gore invented the Internet?  
>  
>  
>  
>--  
>  
>

-----  
Date: Thu, 20 Dec 2001 06:40:12 -0600  
From: Oscar A Hoyt <k5ubs@juno.com>  
To: qrp-1@lehigh.edu  
Subject: [115917] tubes  
Message-ID: <20011220.064039.-86659.0.k5ubs@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain  
Content-Transfer-Encoding: 7bit

Well I usually don't get into these subjects that just hang on. But I've been out of town for couple of days and brought Juno up and had over 700 msgs.

I think some have lost sight of things,,,,, THIS IS JUST A HOBBY FOR MOST OF US..... period.....

If you dont like tubes fine, you probably don't see any thing of beauty in antique cars, or restored radio's or fine old furniture, or art of the old masters or classical music or mabey you do.... it don't matter.... this is a hobby with many aspects and some of us do like tube gear. I'm working on an old S38 at this time, its fun. And I just got in the mail today a 1953 issue of "Radiotron Designers Handbook". But I also have a few hundred transistors in my parts cabinets. Its still just a hobby and a darn good one. Enjoy it....

Oscar Hoyt, ham since '55, K2 # 2264, ARRL, QCWA, QRP-L 1733, ARCI, NORCAL, SOC # 303 . . . . . 303

-----  
GET INTERNET ACCESS FROM JUNO!

Juno offers FREE or PREMIUM Internet access for less!

Join Juno today! For your FREE software, visit:

<http://dl.www.juno.com/get/web/>.

-----  
Date: 24 Dec 2001 21:11:02 -0800  
From: W2BJ <w2bj@minsky.info>  
To: qrp-l@lehigh.edu  
Subject: [115918] THANK YOU AND MERRY CHRISTMAS  
Message-ID: <20011225051102.9938.cpmta@c001.snv.cp.net>  
Content-Type: text/plain  
Content-Disposition: inline  
Mime-Version: 1.0

There are many on the list who have been concerned about me, thought of me and prayed for me during this year. In many ways, this has been the most challenging year of my life. In august my doctor discovered an 11 cm malignant tumor on my left adrenal gland. It was attached to the kidney and the gland. In September I had surgery to remove the tumor, the gland, the gall bladder and the kidney. I have had 2 hospitalizations since that one. By God's grace, I have been recovering slowly and am now back to most of my normal activities.

At the end of January, I am retiring from the Army after 27 years of service. My wife and I are excited about the change and the new opportunities in our lives.

Wow! What a year!

Now for QRP. This is also the year in which I built my K2 and K1. These are without question the best rigs I have ever had. I still use my Sierra, SSTs and

my DSW-20; but have most fun with the Elecraft rigs.

The lists have been great. I have received information and good advice almost every day from the great hams here.

Thank you to all of the caring and helpful hams I have come to appreciate so much. Have a wonderful Christmas and a great New Year. I look forward to sharing and learning in the years to come.

God bless you!

72/73, Barry J. Minsky, W2BJ ARRL, QRP ARCI #8871,  
NorCal #1560, QRP-L, FISTS #2701, Century Club  
#569, Platinum #51, Silver #119, FISTS CW Club of  
Coastal Georgia, Knightlites, Adventure Radio  
Society #359, QCWA #29298, OOTC #3723, SOC #193,  
K2 #577, K1 #98

-----  
Date: Tue, 25 Dec 2001 00:25:58 -0500  
From: "NZ8J" <timcook@erinet.com>  
To: <qrp-1@Lehigh.EDU>  
Subject: [115919] IC-746 Filter Combination  
Message-ID: <05f301c18d04\$a2e6b9e0\$6122fea9@nec>  
MIME-Version: 1.0  
Content-Type: text/plain;  
          charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

I just picked up a 746 and am going to add some cw filters to it and would like some inputs from folks who have added them. Specifically what combinations are considered the to give the most flexibility. Will a 500hz in both IF's allow the PBT to narrow them up even further and approach the effectiveness of a 250 hz filter, or it is preferred to put a 500 in one IF and a 250 in the other? I was planning on going with 2 500hz filters. Or, is there any real benefit from adding 2 filters? I would like to hear from anyone who has had first hand experience with this..

Thanks and Merry Christmas  
Tim  
NZ8J

-----

Date: Mon, 24 Dec 2001 22:34:45 -0700  
From: "James R. Duffey" <jamesd1@flash.net>  
To: qrp-1 <qrp-1@lehigh.edu>  
Subject: [115920] San Diego QRPers?  
Message-ID: <B84D5E04.FEFE%jamesd1@flash.net>  
Mime-version: 1.0  
Content-type: text/plain; charset="US-ASCII"  
Content-transfer-encoding: 7bit

I will be in San Diego for work January 2 through the 7th. Are there any QRPers who might want to get together for an eyeball? I am not sure of my schedule yet, but I am sure that I can get away at least one evening. Let me know. - Dr. Megacycle KK6MC/5  
James R. Duffey KK6MC/5  
Cedar Crest, NM DM65

-----  
Date: Tue, 25 Dec 2001 00:41:44 -0500  
From: wkhibbert@juno.com  
To: qrp-1@lehigh.edu  
Subject: [115921] Re: Straight Keys  
Message-ID: <20011225.004145.-360613.0.wkhibbert@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Now, don't go making comments, joking or otherwise about no one using straight keys.

I use one, it is all that I use and all that I intend to use.

Keyers make mistakes. RF gets into the logic, the contacts bounce, the logic goes screwy, etc.

Straight key ops make mistakes, but their keys don't.

I prefer that my mistakes are mine, not some soulless machines mistakes.

Oh yeah, and have a Happy Holiday.

73, Wm. Keith Hibbert, WB2VU0, TC/WNY ARRL Section  
President, Brockport Amateur Radio Klub  
"My night light runs more power than my Rig!!!"  
mailto:wb2vuo@arrl.net

-----  
GET INTERNET ACCESS FROM JUNO!



Juno offers FREE or PREMIUM Internet access for less!  
Join Juno today! For your FREE software, visit:  
<http://dl.www.juno.com/get/web/>.

-----  
Date: Tue, 25 Dec 2001 01:44:37 -0500  
From: Bruce Muscolino <w6toy@erols.com>  
To: unlisted-recipients;; (no To-header on input)  
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>  
Subject: [115922] Re: Straight Keys  
Message-ID: <3C282055.1AA1834@erols.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Lots of opinions on straight keys. I use one simply because my keyer is from the era of grid blocked keying and has not been converted yet. I have used a straight key since 1956. I guess I like mine. I currently use some military key, a J37, I think. I also have my original J38 which I paid \$0.79 for in 1955! Speed is a bit of a problem, i can get up to around 20 wpm with then, but then that's about as fast as I like to copy for most stuff!

73

-----  
Date: Tue, 25 Dec 2001 02:07:00 -0500  
From: Daryl Cline <wb4yex@yahoo.com>  
To: ATRAIL-L@Lehigh.EDU, contesting@yahoogroups.com, fpqrp-l@mpna.com, greenkeys@qth.net, HamRadio\_Mountaintopping@yahoogroups.com,  
Subject: [115923] Merry Christmas  
Message-ID: <4.3.2.7.0.20011224140412.00b143e0@mail.ntelos.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"; format=flowed

Merry Christmas folks.

\*\*\*\*\*

Daryl Cline WB4YEX FPQRP # 322 ARS #632 SOC #449  
Harrisonburg, Va.

<http://www.cfw.com/~jdc>

IM screen name - wb4yex

-AOL Instant message screen name - WB4YEX

"When I found the skull near camp, the first thing I did was call the police. But then I got curious I picked it up and started wondering. .... Who was this

person ? .... and why did he have goat horns ?

\*\*\*\*\*  
\*\*\*\*\*

-----

Date: Mon, 24 Dec 2001 23:33:12 -0800  
From: "Alan Kaul" <alan.kaul@worldnet.att.net>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [115924] OT: a holiday wish  
Message-ID: <006601c18d16\$6a7c1c00\$af25cd18@charterpipeline.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Finally it was Christmas.  
And all across the list.  
The people had stopped ranting,  
And no one seemed pissed.

And despite the past posts,  
And all of the flames.  
A quiet settled over, and  
They stopped calling names.

Wow, what a great way  
To start a New Year.  
With mellow e-mail postings  
To all far and near.

Could it be, could it be?  
I wondered out loud.  
They've all stopped shouting,  
That off-topic crowd.

Now perhaps we can go  
Back to our Que-Are-Pea.  
With posts right on topic  
For both you and for me.

Let's hope that it is so.  
I'll give you a clue.  
The oh-one posts got boring,  
Don't do it to oh-two.

And we'll all get more out  
Of an un-moderated list

If fewer people shout,  
And no one gets dissed.

Merry Christmas and Happy New Year,  
73/72 de alan

Alan Kaul, W6RCL, LaCanada, CA  
w6rcl@amsat.org  
<http://home.att.net/~alan.kaul/index.html>

-----

Date: Tue, 25 Dec 2001 08:15:06 +0000  
From: Dragon Singer <WM-Scace@wiu.edu>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [115925] I need advice es counseling  
Message-ID: <5.1.0.14.0.20011225081436.00acb530@pop3.wiu.edu>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"; format=flowed

Hi Mac es the gang,  
Wayne K9DI es Sequoia here. I was just wondering if you would  
give me Ur list of must have options fer the K-2 I'm going to be  
purchasing? Your thoughts would be greatly appreciated...  
72 es M00/00  
de  
Wayne K9DI

Respectfully and Sincerely Yours,

Wayne M. Scace

k9di@arrl.net  
LICQ# 315313  
FISTS# 4409  
QRP-L# 2313  
FPQRP-L# 217  
SOC# 452  
ARS # 1,082  
Zombie # 800  
<http://k9di.homestead.com/K9DIHam1.html>

-----

Date: Tue, 25 Dec 2001 09:39:13 +0100  
From: "Stephane Collas" <stephane.collas@wanadoo.fr>  
To: <timcook@erinet.com>,  
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [115926] Re: IC-746 Filter Combination  
Message-ID: <000901c18d1f\$a167edd0\$fb410b50@f5nzy>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Hi Tim,

Have an IC756.

I have 500Hz at 9Mhz, and 250Hz at 455Khz. This last filter is a bit expensive, but WOW!

Of course, both filters are cascaded.

I often use the APF at 160Hz.

Superb!

Merry Christmas & Happy New Year 2002.

73's de Steph, F5NZY  
<http://www.qsl.net/f5nzy>

----- Original Message -----

From: "NZ8J" <timcook@erinet.com>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Sent: Tuesday, December 25, 2001 6:25 AM  
Subject: IC-746 Filter Combination

> I just picked up a 746 and am going to add some cw filters to it and would  
> like some inputs from folks who have added them. Specifically what  
> combinations are considered the to give the most flexibility. Will a  
500hz  
> in both IF's allow the PBT to narrow them up even further and approach the  
> effectiveness of a 250 hz filter, or it is preferred to put a 500 in one  
IF  
> and a 250 in the other? I was planning on going with 2 500hz filters. Or,  
> is there any real benefit from adding 2 filters? I would like to hear  
from  
> anyone who has had first hand experience with this..

>  
> Thanks and Merry Christmas  
> Tim  
> NZ8J  
>

-----  
Date: Tue, 25 Dec 2001 10:17:03 +0000  
From: "Leon Heller" <leon\_heller@hotmail.com>  
To: alihernlem@hotmail.com, qrp-1@Lehigh.EDU  
Subject: [115927] Re: Printed circuit board stuff & interesting DX  
Message-ID: <F141Er8pkpLkTgbLYlu0000e3fd@hotmail.com>  
Mime-Version: 1.0  
Content-Type: text/plain; format=flowed

>From: "Brad Hernlem" <alihernlem@hotmail.com>  
>Reply-To: alihernlem@hotmail.com  
>To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
>Subject: Re: Printed circuit board stuff & interesting DX  
>Date: Tue, 25 Dec 2001 03:53:24  
>  
>David, Nils et al.,  
>  
>I've had rather good luck using sheets of glossy paper from magazines for  
>toner transfer.

I've tried this and it works quite well. I like the price. 8-) Ink jet paper is better, but more expensive; it's easier to see the pattern on it. I found that it's a lot less critical than the blue PnP film, in that it's best to have the iron on its hottest setting and to use plenty of pressure, with a piece of ordinary bond paper between the iron and the transfer paper. I borrowed a digital thermometer from work to establish the setting for the latter, and marked it on the iron control.

73, Leon

--

Leon Heller, G1HSM Tel: +44 1327 359058 Email:leon\_heller@hotmail.com  
My web page: [http://www.geocities.com/leon\\_heller](http://www.geocities.com/leon_heller)  
My low-cost Altera Flex design kit: <http://www.leonheller.com>

-----

MSN Photos is the easiest way to share and print your photos:  
<http://photos.msn.com/support/worldwide.aspx>

-----  
Date: Tue, 25 Dec 2001 10:21:19 +0000  
From: "Leon Heller" <leon\_heller@hotmail.com>  
To: alihernlem@hotmail.com, qrp-1@Lehigh.EDU  
Subject: [115928] Re: Printed circuit board stuff & interesting DX  
Message-ID: <F96zP3HR5cr5qLVWF110000e24a@hotmail.com>  
Mime-Version: 1.0  
Content-Type: text/plain; format=flowed

Further to my previous post, I forgot to say that with any of the toner transfer techniques, it helps to pre-heat the board first by just leaving the iron on it for a minute or two. Also, a little detergent in warm water speeds up the paper removal.

73, Leon

--

Leon Heller, G1HSM Tel: +44 1327 359058 Email:leon\_heller@hotmail.com  
My web page: [http://www.geocities.com/leon\\_heller](http://www.geocities.com/leon_heller)  
My low-cost Altera Flex design kit: <http://www.leonheller.com>

-----  
Join the world's largest e-mail service with MSN Hotmail.  
<http://www.hotmail.com>

-----  
Date: Tue, 25 Dec 2001 10:26:25 +0000  
From: "Leon Heller" <leon\_heller@hotmail.com>  
To: wd8civ@worldnet.att.net, qrp-1@Lehigh.EDU  
Subject: [115929] Re: Printed circuit board stuff & interesting DX  
Message-ID: <F137ME3ybjv9z2hJg8n0000e3d1@hotmail.com>  
Mime-Version: 1.0  
Content-Type: text/plain; format=flowed

>From: David Hinerman <wd8civ@worldnet.att.net>  
>Reply-To: wd8civ@worldnet.att.net  
>To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

>Subject: Re: Printed circuit board stuff & interesting DX  
>Date: Mon, 24 Dec 2001 22:47:47 -0500  
>  
>At 08:57 PM 12/24/01 -0500, you wrote:  
> >I've made my own by spreading mucilage on plain copier paper, letting it  
> >dry, then ironing it.

Paper like this used to be sold for making PCBs. Apparently, it was soaked in a solution of dextrose (malt sugar used in beer making). I keep meaning to buy some dextrose to try it; shops selling homebrewing stuff (the liquid variety 8-) stock it.

73, Leon

--

Leon Heller, G1HSM Tel: +44 1327 359058 Email:leon\_heller@hotmail.com  
My web page: [http://www.geocities.com/leon\\_heller](http://www.geocities.com/leon_heller)  
My low-cost Altera Flex design kit: <http://www.leonheller.com>

-----  
Get your FREE download of MSN Explorer at <http://explorer.msn.com/intl.asp>.

-----  
Date: Tue, 25 Dec 2001 06:01:09 -0500  
From: "Pastor-KC1DI" <elbc@pivot.net>  
To: <jim-c@nc.rr.com>,  
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [115930] Re: Vertical Dipole Question  
Message-ID: <003d01c18d33\$76904760\$e970ccd8@dor>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

----- Original Message -----

From: "Jim Campbell" <jim-c@nc.rr.com>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Sent: Monday, December 24, 2001 4:09 PM  
Subject: Vertical Dipole Question

> I live in an antenna-restricted subdivision. I presently have two  
> antennas, a semi long-wire stapled under the eaves of my house as well  
> as an attic dipole. The attic dipole is the best performer at  
> present. I have a tri-band beam antenna that I never reassembled after

> my move here for obvious reasons.  
>  
> My question. How well would the driven element of this beam work as a  
> vertical dipole? I can attach it to my deck behind my house and it will  
> be mostly out of sight. I would have one end near ground level. With  
> the dipole arrangement it seems to me that I wouldn't have to worry  
> about radials. Does anyone have a guesstimate as to how well this would  
> work?  
>  
> Seasons greetings to all.  
>  
> Jim  
> W4BQP

Hi Jim,

Because of the Antenna's proximity to the house It will most likely be noisy on receive and not real good on transmit.. However with that said any antenna is better than no antenna and it may work quite well , in the directions that it has the clearest shot to the horizon. Give it a try.. One warning is that most beam traps if it of that type have moisture weep holes that are ment to drain moisture and water when mounted in the horizontal position. So you may need to seal them some how for vertical mounting. Also though you should not need radial the antenna may tune quite differently than when mounted high in the air with parasitic elements. so you will have to return or use a tuner.

Hope this is of Help.  
Merry Christmas to all,  
Dave KC1DI

---  
Outgoing mail is certified Virus Free.  
Checked by AVG anti-virus system (<http://www.grisoft.com>).  
Version: 6.0.310 / Virus Database: 171 - Release Date: 12/19/01

-----  
Date: Tue, 25 Dec 2001 06:09:33 -0500  
From: "Pastor-KC1DI" <elbc@pivot.net>  
To: <AL7FS@ARRL.NET>,  
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [115931] Re: Straight Keys  
Message-ID: <005401c18d34\$a26924a0\$e970ccd8@dor>  
MIME-Version: 1.0



Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

HMMM I do to Jim..... Straight Key seems the simple choice for low to medium speed work and as far as nobody making them any More one should check out the net before making such a statement . Here one sight where you can buy all the striaght keys you will ever need and they are brand new.. (you may run out of money though).. <http://www.mtechnologies.com/keys.htm>

Have a Happy keying experience no matter what you key with.. I Like bugs myself but don't own one at the moment.

73/72 and Merry Christmas to all,  
Dave KC1DI

P.S. I have no connection with Morse Express or any of their businesses.

----- Original Message -----

From: "Jim Larsen - AL7FS" <AL7FS@ARRL.NET>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Sent: Thursday, December 20, 2001 3:57 PM  
Subject: Re: Straight Keys

> Hmmm....I use a straight key.  
>  
> Jim, AL7FS  
>  
> W2AGN wrote:  
>  
> > I object to all this talk about Straight Keys. Nobody uses straight keys  
any  
> > more. Nobody even makes them any more. Everbody uses a keyer or a  
keyboard! I  
> > don't like the posts about straight keys and I want you all to stop  
talking  
> > about them!  
> >  
> > So there!  
>  
>  
>

---

Outgoing mail is certified Virus Free.  
Checked by AVG anti-virus system (<http://www.grisoft.com>).  
Version: 6.0.310 / Virus Database: 171 - Release Date: 12/19/01

-----  
Date: Tue, 25 Dec 2001 04:01:20 -0800 (PST)  
From: Chuck Carpenter <W5USJ@go.com>  
To: qrp-1@Lehigh.EDU  
Subject: [115932] Straight Keys -- T.I.C. Play on Words  
Message-ID: <2365788.1009281683236.JavaMail.W5USJ@gomailjtp04>  
MIME-version: 1.0  
Content-type: text/plain; charset=iso-8859-1  
Content-transfer-encoding: 7BIT

Easy Folks,

Seems to me to be a Tounge-in-Cheek play on words with phrasing similar to other messages appearing here lately... 8^)...

Seasons best to all and to all a successful new year...

-----  
>W2AGN wrote:

>  
>> I object to all this talk about Straight Keys. Nobody uses straight keys any  
>> more. Nobody even makes them any more. Everbody uses a keyer or a keyboard! I  
>> don't like the posts about straight keys and I want you all to stop talking  
>> about them!  
>>  
>> So there!  
>

The asterisk in Bob's holiday wishes message gave it away!  
Chuck, w5usj, Point, Rains Co TX EM22cv

-----  
GO.com Mail  
Get Your Free, Private E-mail at <http://mail.go.com>

-----  
Date: Tue, 25 Dec 2001 07:10:16 -0600  
From: George Franklin <w0av@juno.com>  
To: kg4dzu@juno.com  
Cc: qrp-1@Lehigh.EDU  
Subject: [115933] Re: "Grab"bing at Old Technology...  
Message-ID: <20011225.071547.-1818937.0.w0av@juno.com>

MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Hello Bruce,

Watch it!

I have already started COG's (Certified Old Geezers) and I am numero uno.

72 de George/W0AV  
SOC#101, COG#1

-----  
Date: 25 Dec 2001 05:25:34 -0800  
From: W2BJ <w2bj@minsky.info>  
To: w0av@juno.com  
Cc: qrp-1@Lehigh.EDU  
Subject: [115934] Re: "Grab"bing at Old Technology...  
Message-ID: <20011225132534.29536.cpmata@c001.snv.cp.net>  
Content-Type: text/plain  
Content-Disposition: inline  
Mime-Version: 1.0

On Tue, 25 December 2001, George Franklin wrote:

>  
> Hello Bruce,  
>  
> Watch it!  
>  
> I have already started COG's (Certified Old Geezers) and I am numero uno.  
>  
> 72 de George/W0AV  
> SOC#101, COG#1

George,  
Wow! I think I fit into the same catagory.

72/73, Barry J. Minsky, W2BJ ARRL, QRP ARCI #8871,  
NorCal #1560, QRP-L, FISTS #2701, Century Club  
#569, Platinum #51, Silver #119, FISTS CW Club of  
Coastal Georgia, Knightlites, Adventure Radio  
Society #359, QCWA #29298, OOTC #3723, SOC #193,  
K2 #577, K1 #98

-----  
Date: Tue, 25 Dec 2001 07:30:35 -0600  
From: George Franklin <w0av@juno.com>  
To: w2bj@minsky.info  
Cc: qrp-1@Lehigh.EDU  
Subject: [115935] Re: "Grab"bing at Old Technology...  
Message-ID: <20011225.073035.-1818937.1.w0av@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Hello Barry,

I agree!

Consider yourself officially COG#2, with all the privileges and honors  
which go with the  
membership.

Happy Holidays.

72 de George/W0AV  
SOC#101, COG#1

-----  
Date: Tue, 25 Dec 2001 08:33:02 -0500  
From: W2AGN <w2agn@pobox.com>  
To: Chuck Carpenter <W5USJ@go.com>,  
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [115936] Re: Straight Keys -- T.I.C. Play on Words  
Message-ID: <01122508330203.02233@CC2289974-A>  
Content-Type: text/plain;  
charset="iso-8859-1"  
MIME-Version: 1.0  
Content-Transfer-Encoding: 8bit

On Tuesday 25 December 2001 07:01, Chuck Carpenter wrote:

> Easy Folks,

>

> Seems to me to be a Tounge-in-Cheek play on words with phrasing similar to  
> other messages appearing here lately... 8^)...  
>

> Seasons best to all and to all a successful new year...  
>

> -----

>  
> >W2AGN wrote:  
> >> I object to all this talk about Straight Keys. Nobody uses straight keys  
> >> any more. Nobody even makes them any more. Everbody uses a keyer or a  
> >> keyboard! I don't like the posts about straight keys and I want you all  
> >> to stop talking about them!  
> >>  
> >> So there!

--

Thank you Chuck. Go to the head of the class.

The rest of you...I hope Santa brings you a sense of humor!

-----  
John L Sielke W2AGN  
w2agn@pobox.com  
<http://www.qsl.net/w2agn>  
-----

Date: Tue, 25 Dec 2001 08:37:17 -0500  
From: W2AGN <w2agn@pobox.com>  
To: Drbob92031@aol.com,  
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [115937] Re: Stright key vs. keyers  
Message-ID: <01122508371704.02233@CC2289974-A>  
Content-Type: text/plain;  
charset="iso-8859-1"  
MIME-Version: 1.0  
Content-Transfer-Encoding: 8bit

On Monday 24 December 2001 23:07, Drbob92031@aol.com wrote:  
> I have been reading the post about this topic especially the post by w2agn.  
> I love CW but cannot get on the air very often. I have a straight key and a  
> home brew keyer. If I use the keyer I am sending much faster than I can  
> copy. So the straight key gets the nod (or hand). If the objective is to  
> communicate what difference does it make what key is used.  
>  
> I think W2agn has a problem.  
> 72/73 de WA2EAW..Bob

--

Nope, I don't have a problem. (Well, I do, but not in the sense meant here....). The problem is that some people on this list are unfamiliar with humor, parody, and OK, sarcasm.

Everyone, next time the bands are shot, go rent some old W.C. Fields, or even better, 3 Stooges movies. I'd also recommend the Marx brothers, but since one of them is named Karl, I might be accused of being picayune again.

-----  
John L Sielke W2AGN  
w2agn@pobox.com  
<http://www.qsl.net/w2agn>  
-----

Date: Tue, 25 Dec 2001 08:57:06 -0500  
From: kg4dzu@juno.com  
To: w0av@juno.com  
Cc: qrp-l@Lehigh.EDU  
Subject: [115938] Re: "Grab"bing at Old Technology...  
Message-ID: <20011225.085827.-390521.1.kg4dzu@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Can I be COG #3? Today is my birthday.  
72 & oo's,  
Bruce Shaw, Gibsonville, NC  
KG4DZU/QRP  
FP-QRP #-89, QRP-ARCI #10242, QRP-L #2192, SOC #203, VQS#63, FISTS #6911,  
Knightlites,10-10# 71098, MI-QRP #1708

On Tue, 25 Dec 2001 07:30:35 -0600 George Franklin <w0av@juno.com>  
writes:

> Hello Barry,  
>  
> I agree!  
>  
> Consider yourself officially COG#2, with all the privileges and  
> honors  
> which go with the  
> membership.  
>  
> Happy Holidays.  
>  
> 72 de George/W0AV  
> SOC#101, COG#1  
>

Date: Tue, 25 Dec 2001 08:55:05 -0500  
From: kg4dzu@juno.com  
To: w0av@juno.com  
Cc: qrp-1@Lehigh.EDU  
Subject: [115939] Re: "Grab"bing at Old Technology...  
Message-ID: <20011225.085827.-390521.0.kg4dzu@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

That's OK- I've been CCA (Certified Curmudgeons of America) #1 for some time too. If we keep adding letters after our name, people might think we sell life insurance or something ;>D.  
Merry Christmas,

72 & oo's,  
Bruce Shaw, Gibsonville, NC  
KG4DZU/QRP  
FP-QRP #-89, QRP-ARCI #10242, QRP-L #2192, SOC #203, VQS#63, FISTS #6911,  
Knightlites,10-10# 71098, MI-QRP #1708

On Tue, 25 Dec 2001 07:10:16 -0600 George Franklin <w0av@juno.com>  
writes:  
> Hello Bruce,  
>  
> Watch it!  
>  
> I have already started COG's (Certified Old Geezers) and I am numero  
> uno.  
>  
> 72 de George/W0AV  
> SOC#101, COG#1  
>

-----  
Date: Tue, 25 Dec 2001 08:59:29 -0600  
From: Nick Kennedy <nkennedy@tcainternet.com>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [115940] RE: Straight Keys  
Message-ID: <01C18D22.76F42200.nkennedy@tcainternet.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Content-Transfer-Encoding: 7bit

I love straight keys! But Oh, the pain, the pain!! When I glance at my J-38, my wrist starts hurting and I have to soak it.

72--Nick, WA5BDU

(But I do agree that I don't like taking credit for any mistakes other than my own. I make plenty by myself, thanks.)

-----Original Message-----

From: wkhibbert@juno.com [SMTP:wkhibbert@juno.com]

Keyers make mistakes. RF gets into the logic, the contacts bounce, the logic goes screwy, etc.

Straight key ops make mistakes, but their keys don't.

I prefer that my mistakes are mine, not some soulless machines mistakes.

-----  
Date: Tue, 25 Dec 2001 09:05:32 -0600  
From: Nick Kennedy <nkennedy@tcainternet.com>  
To: "Low Power Amateur Radio Discussion (E-mail)" <qrp-l@Lehigh.EDU>  
Subject: [115941] Merry Christmas & HNY  
Message-ID: <01C18D23.4F178DC0.nkennedy@tcainternet.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Content-Transfer-Encoding: 7bit

Merry Christmas, listers ---

May your amplifiers amplify and your oscillators oscillate. And not vice-versa.

May your line noise drop 30 dB.

May DX answer your first call.

May your antennas stay up and your blood pressure down.

72--Nick, WA5BDU

-----  
Date: 25 Dec 2001 10:07:58 EST  
From: Michael Goins <mgoins@usa.net>  
To: qrp-l@lehigh.edu  
Subject: [115942] Straight keys  
Message-ID: <20011225150758.22916.qmail@cpdv100.netaddress.usa.net>



Mime-Version: 1.0  
Content-Type: text/plain; charset=US-ASCII  
Content-Transfer-Encoding: quoted-printable

At last count, I have about 35 straight keys, ranging from an old J-38 to=  
a  
replica of the Titanic key. Although I do switch around and use them  
occasionally, my Long Island Mercury paddle is still my favorite to use f=  
rom  
home. =

Thanks for a great radio year guys, and all of the good information passe=  
d  
along through this medium. If the truth be known, most of us learned some=  
thing  
here this year. =

72/73,  
mike  
wb5yjsx =

-----  
Get free e-mail and a permanent address at <http://www.amexmail.com/?A=3D1=>

-----  
Date: Tue, 25 Dec 2001 10:12:30 -0500  
From: Jim Campbell <jim-c@nc.rr.com>  
To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>  
Subject: [115943] RE: Straight Keys  
Message-ID: <3C28975E.4D936C63@nc.rr.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Once upon a time I could send beautiful CW at about 13 to 15 WPM with a  
straight key. (Not my opinion, others told me so.) However, the years  
have taken their toll and my CW with a straight key is almost  
unreadable. I can send good CW most of the time with paddles and the  
built-in keyer in my K2.

Some of the CW I hear on the air is atrocious. Poor weighting between  
the dots and dashes, poor spacing between words, etc. Also, the  
adjustment of some bugs is bad. Dashes 5 to 8 times the length of the

dots. If I can't copy them, I don't try to answer them. I don't know of a nice way to tell someone their fist is lousy.

Merry Christmas, Happy New Year, 72 and 73 to all,

Jim  
W4BQP

-----  
Date: Tue, 25 Dec 2001 08:12:55 -0700  
From: "Francis Callahan" <colcal@srv.net>  
To: <w0av@juno.com>,  
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [115944] Re: "Grab"bing at Old Technology...  
Message-ID: <001101c18d56\$a2432da0\$7fdf070c@callahan>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Is 65 too young to be a COG as I still use a straight key after 20 years  
Merry Christmas everyone 72 Cal KF7ET Colene N7RGQ

----- Original Message -----

From: "George Franklin" <w0av@juno.com>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Sent: Tuesday, December 25, 2001 6:30 AM  
Subject: Re: "Grab"bing at Old Technology...

> Hello Barry,  
>  
> I agree!  
>  
> Consider yourself officially COG#2, with all the privileges and honors  
> which go with the  
> membership.  
>  
> Happy Holidays.  
>  
> 72 de George/W0AV  
> SOC#101, COG#1  
>

-----  
Date: Tue, 25 Dec 2001 10:25:37 -0500

From: W2AGN <w2agn@pobox.com>  
To: Jim Campbell <jim-c@nc.rr.com>,  
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [115945] Re: Straight Keys  
Message-ID: <01122510253706.02233@CC2289974-A>  
Content-Type: text/plain;  
charset="iso-8859-1"  
MIME-Version: 1.0  
Content-Transfer-Encoding: 8bit

On Tuesday 25 December 2001 10:12, Jim Campbell wrote:

>  
> Some of the CW I hear on the air is atrocious. Poor weighting between  
> the dots and dashes, poor spacing between words, etc. Also, the  
> adjustment of some bugs is bad. Dashes 5 to 8 times the length of the  
> dots. If I can't copy them, I don't try to answer them. I don't know  
> of a nice way to tell someone their fist is lousy.  
>  
> Merry Christmas, Happy New Year, 72 and 73 to all,  
>  
> Jim  
> W4BQP

--

Well, the Official way is to send QSD. The more subtle way is to send QLF? I usually send "Your fist is lousy"

-----  
John L Sielke W2AGN  
w2agn@pobox.com  
<http://www.qsl.net/w2agn>

-----  
Date: Tue, 25 Dec 2001 09:33:18 -0600  
From: "George, W5YR" <w5yr@att.net>  
To: w6toy@erols.com  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [115946] Re: Straight Keys  
Message-ID: <3C289C3E.DC07D631@att.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

I remember taking the Extra before the FCC in 1954 and having to send 20 wpm with "their" straight key! I hadn't worked any CW in over 5 years, and

talk about a rusty fist!

But, thankfully, the examiner only required about 10 seconds of sending before nodding "OK."

I find that age and a chronic nerve disorder have taken away much of the fine-muscle coordination I once had and that a straight key is now almost unmanageable. But I still have the Johnson Speed-X key I learned the code with in 1945.

Thank Heaven for keyers and paddles!

But I still love the sound of a real "good" straight key operator . . .

72/73, George W5YR - the Yellow Rose of Texas QRP-L 1373 NETXQRP 6  
Fairview, TX 30 mi NE of Dallas in Collin county EM13qe SOC 262  
Amateur Radio W5YR, in the 56th year and it just keeps getting better!  
Icom IC-756PRO #02121 Kachina #91900556 IC-765 #02437

All incoming and outgoing email virus-checked by Norton Anti-Virus 2002

Bruce Muscolino wrote:

>  
> Lots of opinions on straight keys. I use one simply because my keyer is  
> from the era of grid blocked keying and has not been converted yet. I  
> have used a straight key since 1956. I guess I like mine. I currently  
> use some military key, a J37, I think. I also have my original J38  
> which I paid \$0.79 for in 1955! Speed is a bit of a problem, i can get  
> up to around 20 wpm with then, but then that's about as fast as I like  
> to copy for most stuff!  
>  
> 73

--

-----  
Date: Mon, 24 Dec 2001 21:53:18 -0800  
From: "blinn" <blinn@smgazette.com>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [115947] TT2 QSOs  
Message-ID: <000201c18d57\$9898b3a0\$a569f040@blinn>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

I hooked the TT2 up this afternoon and had three great rag-chew QSOs.

WB7AEI, Phil in Kent, WA - 2255 to 2329Z.... A 34 minute uninterrupted QSO. Phil was running an all home brew station at abt 3 watts, which made it even better.

K7QP, Homer, in St. Helens, OR - 2329 to 2343.... This was a fun 14 minutes, great contact. Homer was QRO but is waiting on his TT2 kit to arrive.. So I'll be on the lookout for a QRPP signal emanating from St. Helens in the near future.

W7DZN, Lou in Reno, NV - 2350 to 0042... That's a 50 minute ragchew folks! But then, this guy operates at 200 mph from a Cessna 185 with a horizontal Hamstick attached to the rear end! Now that's FAST CW!

So, let's see... that's an hour and forty-four minutes on that little 2N2222 and it didn't even get hot. :)

Built the Tuna Tin II a couple years back and somehow it has changed frequencies while sitting on the shelf. It was transmitting today on 7.043.6, a little over 2 Kcs higher than where it was about a year ago... ? (The crystal must be still growing.)

Wow, haven't had a day like this in a spell.... what fun!

Regards to all and MERRY Christmas.

Bill - WA7TQK

--

-----  
Date: Tue, 25 Dec 2001 09:37:27 -0600  
From: "George, W5YR" <w5yr@att.net>  
To: elbc@pivot.net  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [115948] Re: Vertical Dipole Question  
Message-ID: <3C289D37.366206B2@att.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

AT the risk of adding a negative thought, the proximity of the earth and whatever else is near the lower end of the vertical dipole element is a

source of loss. If mounted over fairly open ground, some wire on/under the ground in that area will help to reduce this proximity loss.

72/73, George W5YR - the Yellow Rose of Texas QRP-L 1373 NETXQRP 6  
Fairview, TX 30 mi NE of Dallas in Collin county EM13qe SOC 262  
Amateur Radio W5YR, in the 56th year and it just keeps getting better!  
Icom IC-756PRO #02121 Kachina #91900556 IC-765 #02437

All incoming and outgoing email virus-checked by Norton Anti-Virus 2002

Pastor-KC1DI wrote:

Also though you should not need radial the antenna may tune quite  
> differently than when mounted high in the air with parasitic elements.

-----  
Date: Tue, 25 Dec 2001 09:57:19 -0600  
From: George Franklin <w0av@juno.com>  
To: colcal@srv.net  
Cc: qrp-l@Lehigh.EDU  
Subject: [115949] Re: "Grab"bing at Old Technology...  
Message-ID: <20011225.095720.-1655525.3.w0av@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Hello Cal,

At 65 you just snuck under the wire.

As of this moment you are officially COG#6.

I'm holding COG#7 in abeyance pending input from Colene, who as your child bride may be marginally eligible.

Go in peace!

72 de George/W0AV  
SOC#101, COG#1

-----  
Date: Tue, 25 Dec 2001 08:58:38 -0700  
From: "James R. Duffey" <jamesd1@flash.net>  
To: <qrp-l@lehigh.edu>  
Subject: [115950] Re: Vertical Dipole Question

Message-ID: <B84DF03E.FF12%jamesd1@flash.net>

Mime-version: 1.0

Content-type: text/plain; charset="US-ASCII"

Content-transfer-encoding: 7bit

Jim - The driven element should work fine as a vertical dipole. You will probably have to retune the antenna for its new position and lack of parasitic elements. Start assembling the highest band first, I assume 10 M. Then add the trap and 15 M section and tune, then finally the 20 M section. Don't go back and retune unless you absolutely have to. Better is the enemy of good enough. Multiband antennas are a compromise.

Like most antennas, it will work better the higher you get it.

Bring the coax away from the beam horizontally as far as possible. Use a balun at the feedpoint. Coiled coax will work. See the handbook or antenna book for details.

You can waterproof the ends of the traps that now point up with heat shrink tubing. Be sure that there is a weep hole for moisture to drain out on the bottom of the trap. Drill one if there isn't.

By the way, you might also try using the driven element horizontally. Build a simple mount so that you can flip from one polarization to another.

Let us know how it all turns out. - Dr. Megacycle KK6MC/5 "Radio Green Chile"

--

James R. Duffey KK6MC/5  
Cedar Crest, NM DM65

-----  
Date: Tue, 25 Dec 2001 10:57:43 -0500

From: "J. Duffy Beischel" <duffy01@fuse.net (NOSPAM) >

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>,  
rod@n0rc.com

Subject: [115951] Re: this "Phone Grab" thing

Message-ID: <E9JH4SQ73MKA5XV3W63FBHGEKUQ4W.3c28a1f7@computer>

MIME-Version: 1.0

Content-Type: text/plain; charset="iso-8859-1"

12/24/01 1:14:55 PM, "Rod N0RC" <rod@n0rc.com> wrote:

>What do CW, horse back riding, and manual transmissions have in  
>common? They are all victims of technological progress.

>

> CW -> Phone and digital modes  
> Horseback Riding -> Autos ...etc.  
> Manual Transmissions -> AT (and PB/PS...too!)  
>  
>But none will ever die, each will slip into further obscurity as time  
>marches on. A few individuals will always practice CW for nostalgic  
>reasons.  
>

What a great way to state the obvious. Excellent!

Merry Christmas!

Duffy

---

--  
J. Duffy Beischel - Amateur Radio WB8NUT

Member of: ARRL, NRA, Kiwanis, Republican Party, Masons, and Shriners  
and the vast Right Wing conspiracy to get the Clintons

"If the government owned all the guns, would we still be a free people?"

---

--  
  
-----  
  
Date: Tue, 25 Dec 2001 11:12:20 -0500  
From: Dave Fouchey <dafouchey@home.com>  
To: w6toy@erols.com,  
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [115952] Re: Straight Keys  
Message-ID: <4.1.20011225110917.0098a770@localhost>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Well not quite as long in the tooth but I too use either my J-37, \$1.50  
1967 or my Lightning Bug which I got for \$10 at the same ham fest I got the  
J-37. Can occasionally get up to 20 with the Straight Key but Arthritis is  
making that a bit problematic any more. Never have tried a keyer even  
though my current rig has one built in. just never found the fascination in  
using one.



73's  
Dave  
WA4EMR/8

At 01:44 AM 12/25/2001 -0500, Bruce Muscolino wrote:

>Lots of opinions on straight keys. I use one simply because my keyer is  
>from the era of grid blocked keying and has not been converted yet. I  
>have used a straight key since 1956. I guess I like mine. I currently  
>use some military key, a J37, I think. I also have my original J38  
>which I paid \$0.79 for in 1955! Speed is a bit of a problem, i can get  
>up to around 20 wpm with then, but then that's about as fast as I like  
>to copy for most stuff!  
>  
>73

-----  
Date: Tue, 25 Dec 2001 10:14:02 -0600  
From: "George, W5YR" <w5yr@att.net>  
To: w0av@juno.com  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [115953] Re: "Grab"bing at Old Technology...  
Message-ID: <3C28A5CA.9CAF8D4C@att.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Where would 72 rank in the running?

For qualifications, I do not suffer fools gladly - I do not suffer fools at all!

72/73, George W5YR - the Yellow Rose of Texas QRP-L 1373 NETXQRP 6  
Fairview, TX 30 mi NE of Dallas in Collin county EM13qe SOC 262  
Amateur Radio W5YR, in the 56th year and it just keeps getting better!  
Icom IC-756PRO #02121 Kachina #91900556 IC-765 #02437

All incoming and outgoing email virus-checked by Norton Anti-Virus 2002

George Franklin wrote:

>  
> Hello Cal,  
>  
> At 65 you just snuck under the wire.  
>

> As of this moment you are officially COG#6.  
>  
> I'm holding COG#7 in abeyance pending input from Colene, who as your  
> child bride may be marginally eligible.  
>  
> Go in peace!  
>  
> 72 de George/W0AV  
> SOC#101, COG#1

-----  
Date: Tue, 25 Dec 2001 10:25:49 -0600  
From: George Franklin <w0av@juno.com>  
To: w5yr@att.net  
Cc: qrp-1@Lehigh.EDU  
Subject: [115954] Re: "Grab"bing at Old Technology...  
Message-ID: <20011225.102705.-1655525.4.w0av@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Hello George,

After reviewing your past history and other credentials, I have no  
hesitation in announcing your appointment as COG#8.

Welcome to the club!

72 de George/W0AV  
SOC#101, COG#1

-----  
Date: Tue, 25 Dec 2001 11:28:00 -0500  
From: "W3CDE Jerry L." <w3cde@bellsouth.net>  
To: raysills@1stconnect.com  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [115955] Re: Windows XP  
Message-ID: <3C28A910.E645797A@bellsouth.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

That has never changed since day 1! They always do.

Jerry

W3CDE

Ray Sills wrote:

>  
> That makes it sound like Microsoft is making it's customers pay for beta  
> software.  
>  
> 73 de Ray  
> K2ULR  
> FN20t1  
>  
> > From: "W3CDE Jerry L." <w3cde@bellsouth.net>  
> > Reply-To: w3cde@bellsouth.net  
> > Date: Mon, 24 Dec 2001 11:42:21 -0500  
> > To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
> > Subject: Re: Windows XP  
> >  
> >  
> > If you want to save some money... This version of XP is only  
> > an interim release.. i.e. the real "working" version is  
> > scheduled for late 2002 to early 2003. This version is know  
> > to have many bugs and other "undocumented features...".  
> >  
> > A clean install is the only way to go if you want a working  
> > system. Upgrades, just do not work! and will cause continuous  
> > pain till you blow it all away and do a clean install. This  
> > is a know "feature" of XP.  
> >  
> > This is why we are not upgrading our 4500 PC at work!  
> >  
> > Jerry  
> > W3CDE  
> >

-----  
Date: Tue, 25 Dec 2001 11:32:13 -0800  
From: "w2wurjj" <w2wurjj@verizon.net>  
To: <jim-c@nc.rr.com>,  
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [115956] QRS/QRQ  
Message-ID: <001d01c18d7a\$f04d2a40\$71c2fea9@w2wurjj>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Jim & Group:

Most of us sent well before arthritis and senior moments befell us. Some never were taught correctly or .... Tell the truth. Constructive criticism never hurt, nor insulted. Be an Elmer and offer to help. It's said "practice makes perfect" That's wrong as "PERFECT PRACTICE MAKES PERFECT." You can't have the latter without perfect teachers. Who's perfect? Don't decry the phone & computer encroachments if we fail our SKN & Elmer callings. I'm biased ... my friend, W2ZH, was personal telegrapher to F.D.R. & one great teacher. CW is an art and teachers are retiring.

Make that resolution to help. Health & Happiness to all. 73, Ron, W2WU

----- Original Message -----

From: Jim Campbell <jim-c@nc.rr.com>

To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Sent: Tuesday, December 25, 2001 07:12

Subject: RE: Straight Keys

> Once upon a time I could send beautiful CW at about 13 to 15 WPM with a  
> straight key. (Not my opinion, others told me so.) However, the years  
> have taken their toll and my CW with a straight key is almost  
> unreadable. I can send good CW most of the time with paddles and the  
> built-in keyer in my K2.  
>  
> Some of the CW I hear on the air is atrocious. Poor weighting between  
> the dots and dashes, poor spacing between words, etc. Also, the  
> adjustment of some bugs is bad. Dashes 5 to 8 times the length of the  
> dots. If I can't copy them, I don't try to answer them. I don't know  
> of a nice way to tell someone their fist is lousy.  
>  
> Merry Christmas, Happy New Year, 72 and 73 to all,  
>  
> Jim  
> W4BQP

-----

Date: Tue, 25 Dec 2001 08:40:03 -0800 (PST)

From: Tom Popovic <ki3r@yahoo.com>

To: w2agn@pobox.com,

Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Subject: [115957] Re: Straight Keys

Message-ID: <20011225164003.74266.qmail@web11202.mail.yahoo.com>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

>  
> --  
>  
> Well, the Official way is to send QSD. The more  
> subtle way is to send QLF? I  
> usually send "Your fist is lousy"  
>  
> -----  
> John L Sielke W2AGN  
> w2agn@pobox.com  
> http://www.qsl.net/w2agn

Hello John and all ..... I would use the "your fist is lousy" with out a LOT of forethought. I was on 40 many years ago and the band was very poor. I did hear one fellow calling CQ with a "lousy" fist. I usually would not answer but since I needed my CW fix before bed and he was about the only fellow on ....oh well what the heck. A minute would not be that bad. Hello ...report ...goodbye. Well the 1 minute QSO lasted about an hour and I found it to be one of the most memorable QSOs I have had in my ham experience. The op on the other end was almost 90. His fist was the result of multiple strokes. I can only pray that if I get to that age and have those problems that I can still enjoy life through my hobby.

Merry Christmas and God Bless all ...73 Tom KI3R

=====

The common good was the claim and justification of every tyranny ever established over men. Every major horror of history was committed in the name of altruistic motive... Actors change, but the course of the tragedy remains the same. Ayn Rand 1943

-----  
Do You Yahoo!?  
Send your FREE holiday greetings online!  
<http://greetings.yahoo.com>

-----  
Date: Tue, 25 Dec 2001 11:44:44 -0500  
From: "JOSEPH PIRKLE" <ad4ih@worldnet.att.net>  
To: <colcal@srv.net>,  
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Subject: [115958] Re: "Grab"bing at Old Technology...  
Message-ID: <001901c18d63\$75cf8ea0\$2e914d0c@pavilion>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="Windows-1252"  
Content-Transfer-Encoding: 7bit

I think COG is more a state of mind rather than age!

Joe AD4IH

----- Original Message -----

From: "Francis Callahan" <colcal@srv.net>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Sent: Tuesday, December 25, 2001 10:12 AM  
Subject: Re: "Grab"bing at Old Technology...

| Is 65 too young to be a COG as I still use a straight key after 20 years  
| Merry Christmas everyone 72 Cal KF7ET Colene N7RGQ

| ----- Original Message -----

| From: "George Franklin" <w0av@juno.com>  
| To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
| Sent: Tuesday, December 25, 2001 6:30 AM  
| Subject: Re: "Grab"bing at Old Technology...

|  
|  
| > Hello Barry,  
| >  
| > I agree!  
| >  
| > Consider yourself officially COG#2, with all the privileges and honors  
| > which go with the  
| > membership.  
| >  
| > Happy Holidays.  
| >  
| > 72 de George/W0AV  
| > SOC#101, COG#1  
| >  
|

-----  
Date: Tue, 25 Dec 2001 09:48:02 -0700  
From: Doug <doug@ycsi.net>

To: nkennedy@tcainternet.com, qrp-1@lehigh.edu  
Subject: [115959] Re: Straight Keys  
Message-ID: <3C28ADC1.11B37E3C@yksi.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Nick.....I'm with you! Straight keys are neat, but Arthritis isn't so fine. I'll take an old Vibroplex any day.

73

Doug, K7YD  
SOWP #5831M  
Fists #3852

Nick Kennedy wrote:

> I love straight keys. But Oh, the pain, the pain!! When I glance at my J-38, my wrist starts hurting and I have to soak it.

>

> 72--Nick, WA5BDU

>

> (But I do agree that I don't like taking credit for any mistakes other than my own. I make plenty by myself, thanks.)

>

> -----Original Message-----

> From: wkhibbert@juno.com [SMTP:wkhibbert@juno.com]

>

> Keyers make mistakes. RF gets into the logic, the contacts bounce, the logic goes screwy, etc.

>

> Straight key ops make mistakes, but their keys don't.

>

> I prefer that my mistakes are mine, not some soulless machines mistakes.

-----

Date: Tue, 25 Dec 2001 11:52:41 -0500  
From: "W3CDE Jerry L." <w3cde@bellsouth.net>  
To: unlisted-recipients:; (no To-header on input)  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [115960] Merry Christmas  
Message-ID: <3C28AED9.A86C2EF9@bellsouth.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Merry Christmas to all of you and your families!

May all of you have a healthy New Year, cuz Money CAN NOT buy good health!

Santa brought me a pair of new filters for my FT-847 8-)...  
She was good to me..

Ann & Jerry Lofstead  
W3CDE  
Atlanta, GA

-----  
Date: Tue, 25 Dec 2001 11:19:24 -0600  
From: "George, W5YR" <w5yr@att.net>  
To: George Franklin <w0av@juno.com>  
Cc: qrp-l@Lehigh.EDU  
Subject: [115961] Re: "Grab"bing at Old Technology...  
Message-ID: <3C28B51C.CBFB1193@att.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

With due humility, I am pleased, though grouchily, to accept this recognition.

72/73, George W5YR - the Yellow Rose of Texas QRP-L 1373 NETXQRP 6  
Fairview, TX 30 mi NE of Dallas in Collin county EM13qe COG 8 SOC 262  
Amateur Radio W5YR, in the 56th year and it just keeps getting better!  
Icom IC-756PRO #02121 Kachina #91900556 IC-765 #02437

All incoming and outgoing email virus-checked by Norton Anti-Virus 2002

George Franklin wrote:

>  
> Hello George,  
>  
> After reviewing your past history and other credentials, I have no  
> hesitation in announcing your appointment as COG#8.  
>  
> Welcome to the club!



>  
> 72 de George/W0AV  
> SOC#101, COG#1

--

72/73, George W5YR - the Yellow Rose of Texas QRP-L 1373 NETXQRP 6  
Fairview, TX 30 mi NE of Dallas in Collin county EM13qe SOC 262 COG 8  
Amateur Radio W5YR, in the 56th year and it just keeps getting better!  
Icom IC-756PRO #02121 Kachina #91900556 IC-765 #02437

All incoming and outgoing email virus-checked by Norton Anti-Virus 2002

-----  
Date: Tue, 25 Dec 2001 10:25:06 -0700  
From: "Francis Callahan" <colcal@srv.net>  
To: <QRP-L@Lehigh.EDU>  
Subject: [115962] For Sale  
Message-ID: <003101c18d69\$19293ce0\$d1dd070c@callahan>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Both of the OPC 581 seperation cables have been sold along with the MB63  
mounting head. The Icom 2710H and camera eqiuptment is still availavle  
Thanks Cal KF7ET

-----  
Date: Tue, 25 Dec 2001 09:47:56 -0800  
From: "Jensen, Gary" <GJensen@shaklee.com>  
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [115963] RE: Straight Keys  
Message-ID: <1345AE90573BD511A25700B0D0B0789D0466FB57@has50.shaklee.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"

Your J-38 is now worth some money. They're selling J-38's on eBay for over  
\$100.00! I sure would like to find an inexpensive source for J-38's!

73  
w6stn

-----Original Message-----

From: Bruce Muscolino [mailto:w6toy@erols.com]  
Sent: Monday, December 24, 2001 10:45 PM  
To: Low Power Amateur Radio Discussion  
Subject: Re: Straight Keys

Lots of opinions on straight keys. I use one simply because my keyer is from the era of grid blocked keying and has not been converted yet. I have used a straight key since 1956. I guess I like mine. I currently use some military key, a J37, I think. I also have my original J38 which I paid \$0.79 for in 1955! Speed is a bit of a problem, i can get up to around 20 wpm with then, but then that's about as fast as I like to copy for most stuff!

73

-----  
Date: Tue, 25 Dec 2001 12:48:29 -0500  
From: Donn Kuse <casey.jay@gte.net>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [115964] Merry Christmas and Thanks  
Message-ID: <3C28BBED.3BA3516D@gte.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Wish everyone a very Merry Christmas and Happy New Year.

And most of all, thanks for all those that have helped me with various questions and problems. Some still not fully resolved, but most are. Hoping to actually get on the air with QRP now that I have the SW40 and my 40m inverted Vee up. Now, just to get my CW up. Looking forward to finishing the SW20 too.

Oh yes, I use the J-37 straight key too.

72, Donn, WB4ZWT

66 and still learning

-----  
Date: Tue, 25 Dec 2001 11:06:34 -0700  
From: "bob baxter" <rbaxter@cybertrails.com>  
To: "QRP-L" <qrp-1@Lehigh.EDU>  
Subject: [115965] 6 meter openings  
Message-ID: <009501c18d6e\$e5466780\$14142aa2@bobbaxte>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="Windows-1252"

Content-Transfer-Encoding: 7bit

6M seems to be open all over the world. Telnet is spitting them out as fast as they can print them. Got to get a 6M rig.

Bob Baxter AA7EQ  
Bisbee, Az.

-----  
Date: Tue, 25 Dec 2001 18:16:29 +0000  
From: "Leon Heller" <leon\_heller@hotmail.com>  
To: qrp-l@Lehigh.EDU  
Subject: [115966] Overtone xtal with '602  
Message-ID: <F1126AeSHAvby5i6QxP0000e62e@hotmail.com>  
Mime-Version: 1.0  
Content-Type: text/plain; format=flowed

Has anyone been able to get a 3rd overtone xtal to work in the '602/612 oscillator circuit? The 50.15 MHz xtal I've been using in a simple 6m Rx only wants to oscillate at the fundamental, despite having a tunable series resonant trap at  $f/3$ . Part of the problem might be that I'm having to use a trimmer cap. and fixed toroid inductor, as I don't have any suitable formers and cores. The trap can definitely be tuned to  $f/3$ , as I tested it separately. It just stops the oscillator when I tune it.

I've given up for the time being and am going to try a conventional overtone oscillator using a 2N5179.

Merry Xmas and a Happy New year to everybody.

73, Leon

--

Leon Heller, G1HSM Tel: +44 1327 359058 Email:leon\_heller@hotmail.com  
My web page: [http://www.geocities.com/leon\\_heller](http://www.geocities.com/leon_heller)  
My low-cost Altera Flex design kit: <http://www.leonheller.com>

-----  
MSN Photos is the easiest way to share and print your photos:  
<http://photos.msn.com/support/worldwide.aspx>

-----  
Date: Tue, 25 Dec 2001 18:43:28  
From: "Brad Hernlem" <alihernlem@hotmail.com>  
To: qrp-l@lehigh.edu

Subject: [115967] [Straight Keys] J-44 vs .....  
Message-ID: <F122CkEW4jmN2fsn10a0000f353@hotmail.com>  
Mime-Version: 1.0  
Content-Type: text/plain; format=flowed

Folks,

With all the talk about straight keys I am wondering what some of the experts could tell us about the various models. I have a J-44 (J-37 mounted on black panel with voice/tele switch). How is this different from the J-38 and others?

I picked this up at a swapmeet a year or so ago when I decided that I would begin to study to get a license. Presently it is attached to a homebrewed code practice oscillator built from a 555 chip, a modem speaker and packed in an Altoids tin (naturally).

Brad KG6IOE

---

Chat with friends online, try MSN Messenger: <http://messenger.msn.com>

---

Date: Tue, 25 Dec 2001 13:52:38 -0500  
From: "ZOOM" <kandrparker@sympatico.ca>  
To: <duffy01@fuse.net>,  
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [115968] Re: this "Phone Grab" thing  
Message-ID: <008b01c18d75\$57af97a0\$99a4fea9@robertpa>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Perhaps but think of this! CW (not computer generated CW) is perhaps the only mode where it requires the operator to use some grey mater to master. Anyone can punch keys on a keyboard. Not only that but it's the only mode where your brain is the ultimate filter when things get crowded, noisy or when listening to different fists.

CW will always remain the mode for those wanting a challenge.  
I also enjoy PSK and other digital modes but they don't give the satisfaction that comes from making a good CW contact.

My opinion yours may vary!

Regards,  
Robert  
VE3RPF

----- Original Message -----

From: J. Duffy Beischel <duffy01@fuse.net (NOSPAM) >  
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Sent: Tuesday, December 25, 2001 10:57 AM  
Subject: Re: this "Phone Grab" thing

> 12/24/01 1:14:55 PM, "Rod N0RC" <rod@n0rc.com> wrote:  
>  
> >What do CW, horse back riding, and manual transmissions have in  
> >common? They are all victims of technological progress.  
> >  
> > CW -> Phone and digital modes  
> > Horseback Riding -> Autos ...etc.  
> > Manual Transmissions -> AT (and PB/PS...too!)  
> >  
> >But none will ever die, each will slip into further obscurity as time  
> >marches on. A few individuals will always practice CW for nostalgic  
> >reasons.  
> >  
>  
>  
> What a great way to state the obvious. Excellent!  
>  
> Merry Christmas!  
>  
> Duffy  
>  
> -----  
> --  
> J. Duffy Beischel - Amateur Radio WB8NUT  
>  
> Member of: ARRL, NRA, Kiwanis, Republican Party, Masons, and Shriners  
> and the vast Right Wing conspiracy to get the Clintons  
>  
> "If the government owned all the guns, would we still be a free people?"  
> -----  
> --  
>  
>  
>

-----  
Date: Tue, 25 Dec 2001 12:20:32 -0700  
From: "mike" <mgolini@home.com>  
To: <qrp-l@Lehigh.EDU>  
Subject: [115969] Code Warrior Jr. question  
Message-ID: <NFBBIKCEILJALLKKIILGMENFCCAA.mgolini@home.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Merry Christmas to everyone!

Santa brought me a new "Vibroplex Code Warrior Jr." this year! I can't wait to use it. But I discovered there was no cable or connector to hook up. Is something missing from the package or do I have to supply my own?

Happy, but confused.

I wish everyone has a great holiday season this year.

Regards

Mike Golini, K1SLT

-----  
Date: Tue, 25 Dec 2001 14:20:00 -0500  
From: Bruce Muscolino <w6toy@erols.com>  
To: alihernlem@hotmail.com  
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>  
Subject: [115970] Re: [Straight Keys] J-44 vs .....  
Message-ID: <3C28D160.EDB42D89@erols.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Brad,

In general keys were made for specific applications. The J-38 for example, was made as a training key for the hundreds of CW schools during WWII. It was also made by several different manufacturers. My first key was a J-38, bought at Olson's Radio in Akron while I was in high school. They had a floor to ceiling display of them, new in their

original military boxes!! Wish I could go back and buy 1000 of them! They were only \$0.79 too! The best surprise was when I got hoe and found the key had been made by Lionel, my favorite model train builder! Later I bought a second one made by the other vendor. I still have that one too! Recently I bought a couple of Korean War J-38's, made for similar purposes I think, and I sold them to a couple of list members for what they cost me.

The J-37 I have is not mounted on its original base. I bought it at a swap meet way back when I needed a straight key and mine were in storage! I also bought a couple of Johnson keys back then, a Speed-X and another one. I liked them both.

There were keys like the J-45, I think, with the leg clip for use in bombers, and I also bought a Dutch key made during WWII. Olive drab and all with contacts like dimes! Clunky old dear but it worked well! Oh, I also have a Lionel bug, the J-36.

Whatever key you have, if it is military it has a history. There are some websits out there that will provide you with more.

73

-----  
Date: Tue, 25 Dec 2001 14:57:48 -0500  
From: W2AGN <w2agn@pobox.com>  
To: qrp-l@lehigh.edu  
Subject: [115971] Holiday Milliwatt Contest  
Message-ID: <0112251457480A.02233@CC2289974-A>  
Content-Type: text/plain;  
    charset="iso-8859-1"  
MIME-Version: 1.0  
Content-Transfer-Encoding: 8bit

Will try to get on as much as possible with 500 mw from Club Station W3IYQ, to give out that bonus.

( \_ \ \ / ) ( \_ \_ ) ( \_ \_ ) ( \_ \ / ) / \_ \_ \    E.L. "Doc" Sielke Memorial  
  \     /    ( \_ \ ) ( \_ \ / ( ) )    Trustee: John W2AGN  
   \ \ /    ( \_ \_ / ( \_ \_ ) ( \_ /    \ \_ \_ \    <http://www.qsl.net/w2agn/w3iyq.html>

-----  
Date: Tue, 25 Dec 2001 12:15:38 -0800  
From: "Trevor Jacobs" <fxtech@earthlink.net>

To: <nkennedy@tcainternet.com>,  
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>  
Subject: [115972] Re: Straight Keys  
Message-ID: <00c801c18d80\$ebdc53e0\$59b0b2d1@computername>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Hi Nick,

I know what you mean! I was anti-keyer for a long time, but I have to admit that after an hour or so on a straight key the ol' fist was like butter and needed a good soaking. I do still get on the air with my J-38 though as many of my HB rigs don't have a keyer, and I haven't gotten around to HB'ing a keyer yet. The key has it's advantages also, as you can often tell a bit more about the person's mood on the key and everyone that uses the key has a bit different personality on the air.

72/73's

Trev

KG6CYN

----- Original Message -----

From: "Nick Kennedy" <nkennedy@tcainternet.com>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Sent: Tuesday, December 25, 2001 6:59 AM

Subject: RE: Straight Keys

> I love straight keysl. But Oh, the pain, the pain!! When I glance at my J-38, my wrist starts hurting and I have to soak it.

>

> 72--Nick, WA5BDU

>

> (But I do agree that I don't like taking credit for any mistakes other than my own. I make plenty by myself, thanks.)

>

> -----Original Message-----

> From: wkhibbert@juno.com [SMTP:wkhibbert@juno.com]

>

>

> Keyers make mistakes. RF gets into the logic, the contacts bounce, the logic goes screwy, etc.

>

> Straight key ops make mistakes, but their keys don't.

>

> I prefer that my mistakes are mine, not some soulless machines mistakes.

>



>

-----  
Date: Tue, 25 Dec 2001 15:30:26 -0500  
From: "Mike Branca" <w3irz@att.net>  
To: <qrp-1@Lehigh.EDU>  
Cc: "Mike Branca" <w3irz@att.net>  
Subject: [115973] Re: Overtone xtal with '602  
Message-ID: <057301c18d82\$fd5d4e60\$d8eb5b0c@default>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

To Leon and all, the NE-602 works very well as an Overtone oscillator but the circuit looks a little un conventional. We ran into this problem with the Georgia Sierra ( handbook Sierra that was re-frequencied to use all computer crystals) when making the radio work on 10 and 6 meters. The oscillator section of the NE-602 could be compared to a grounded collector transistor oscillator assuming that the transistor is an NPN and a bypass capacitor on the collector and that pin 6 is the base and pin 7 is the emitter. For the '602 connect the crystal from pin 6 to ground as usual. Then use the usual capacitive divider of 27 pf from pin 6 to pin 7 and 68 pf from pin 7 to ground. Now for the new stuff: from pin 7 connect a 0.01 mf cap. Wire the other side of the 0.01 mf to the new parallel connected coil and trimmer that will resonate at the desired overtone frequency. Ground the other side of the new coil and trimmer. Works like a charm. Good luck and Merry Christmas.

Mike Branca W3IRZ in Conyers Georgia & member of NoGa

-----  
Date: Tue, 25 Dec 2001 15:41:18 -0500  
From: "Pastor-KC1DI" <elbc@pivot.net>  
To: <w6toy@erols.com>,  
                "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [115974] Re: [Straight Keys] J-44 vs .....  
Message-ID: <002101c18d84\$81f80880\$a973ccd8@dor>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

----- Original Message -----

From: "Bruce Muscolino" <w6toy@erols.com>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Sent: Tuesday, December 25, 2001 2:20 PM

Subject: Re: [Straight Keys] J-44 vs .....

> Brad,

>

> In general keys were made for specific applications. The J-38 for  
> example, was made as a training key for the hundreds of CW schools  
> during WWII. It was also made by several different manufacturers. My  
> first key was a J-38, bought at Olson's Radio in Akron while I was in  
> high school. They had a floor to ceiling display of them, new in their  
> original military boxes!! Wish I could go back and buy 1000 of them!  
> They were only \$0.79 too! The best surprise was when I got home and  
> found the key had been made by Lionel, my favorite model train builder!  
> Later I bought a second one made by the other vendor. I still have that  
> one too! Recently I bought a couple of Korean War J-38's, made for  
> similar purposes I think, and I sold them to a couple of list members  
> for what they cost me.

>

> The J-37 I have is not mounted on its original base. I bought it at a  
> swap meet way back when I needed a straight key and mine were in  
> storage! I also bought a couple of Johnson keys back then, a Speed-X  
> and another one. I liked them both.

>

> There were keys like the J-45, I think, with the leg clip for use in  
> bombers, and I also bought a Dutch key made during WWII. Olive drab and  
> all with contacts like dimes! Clunky old dear but it worked well! Oh,  
> I also have a Lionel bug, the J-36.

>

> Whatever key you have, if it is military it has a history. There are  
> some websites out there that will provide you with more.

>

> 73

Great run down Bruce--- Brings back nice memories..

on other thing the J-38 had coil springs which were not good for run combat  
service so the J-37 feild key was equipped with a leaf spring which could  
take the ruff treatment and still work... only key that may be better was  
the German Junker.. you can still get both but the price has increased more  
than I'm willing to pay hi hi.. Like Bruce wish I'd bought a bunch of them  
back in the early 60's , but back then was fortunate in Jr. High just to get  
on the air. that another story though..

73/72 Merry Christmas,

Dave kc1di

---

Outgoing mail is certified Virus Free.

Checked by AVG anti-virus system (<http://www.grisoft.com>).

Version: 6.0.310 / Virus Database: 171 - Release Date: 12/19/01

-----

Date: Tue, 25 Dec 2001 15:42:22 -0500

From: "Mike Branca" <w3irz@att.net>

To: <qrp-1@Lehigh.EDU>

Subject: [115975] Re: [Straight Keys] J-44 vs .....

Message-ID: <057701c18d84\$bcfecfe0\$d8eb5b0c@default>

MIME-Version: 1.0

Content-Type: text/plain;  
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Brad, the J-38 was a description of a key that was made by many manufacturers during WW2 including the Lionel toy train outfit (they are marked with that companies L within a circle). All were the standard Triumph style key with usually a pot metal oval key frame. Some of these pot metal frames were tin plated, the Lionel were painted black and I have even seen one with a brass oval that was tinned. They all came on a bakelite base like your J-44 that included a couple of extra binding posts for field telegraph use.

As you mentioned your J-44 has a plastic oval J-37 key installed. The J-37 was used in a number of other configurations too like the XXX (forgot the number) signal light.

Merry Christmas.

Mike W3IRZ in Conyers Georgia

-----

Date: Tue, 25 Dec 2001 15:48:25 -0500

From: "Howard Kraus" <K2UD@adelphia.net>

To: <Drbob92031@aol.com>

Cc: <qrp-1@Lehigh.EDU>

Subject: [115976] Re: Stright key vs. keyers

Message-ID: <005501c18d85\$7fdad860\$07633018@buf.adelphia.net>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

To come to W2AGN's defense, I believe his post about straight keys was very tongue-in-cheek. Nothing wrong with straight keys at all, who would be the first to say they never used one, even if they don't use one at the present?

His post provided some much needed humor on the list, likely made light of an earlier post about a different subject. These are my thoughts, he could likely tell you more accurately his.

72 es keep pounding brass

Howard Kraus, K2UD  
----- Original Message -----  
From: <Drbob92031@aol.com>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Sent: Monday, December 24, 2001 11:07 PM  
Subject: Stright key vs. keyers

> I have been reading the post about this topic especially the post by  
w2agn. I  
> love CW but cannot get on the air very often. I have a straight key and a  
> home brew keyer. If I use the keyer I am sending much faster than I can  
copy.  
> So the straight key gets the nod (or hand). If the objective is to  
> communicate what difference does it make what key is used.  
>  
> I think W2agn has a problem.  
> 72/73 de WA2EAW..Bob

-----  
Date: Tue, 25 Dec 2001 15:02:49 -0600  
From: George Franklin <w0av@juno.com>  
To: elbc@pivot.net  
Cc: qrp-l@Lehigh.EDU  
Subject: [115977] Re: [Straight Keys] J-44 vs .....  
Message-ID: <20011225.150250.-1655525.13.w0av@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Hello Dave and all,

Very interesting to read about the J-37's, J-38's and others.

During WW2 I operated a hand-key with a metal clip to hold it to one's knee for mobile (armored car) CW operation.

Don't remember what kind of nomenclature it bore or what type of spring, but there was nothing weak about the knee-clamp. In spite of all my attempted stretching of the thing it felt like all circulation was being blocked in that leg after an hour or so.

As I recall, it didn't bother me a lot as I had other things demanding my attention while bouncing around the roads in Germany in late '44 and early '45.

I don't know how good/bad my fist was, although I did receive a few friendly "QLF's" from time to time, along with other (more rude) pro signals, including QQQ and the secret sign-off handshake "4Q; 4Q2).

Thanks for the memories

72 de George/W0AV  
SOC#101, COG#1

PS: We were given to understand that QLF was a request that one "try sending with the other foot"

GFF

-----  
Date: Tue, 25 Dec 2001 16:31:12 -0500  
From: Pete Burbank <plburbank@kih.net>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [115978] Re: [Straight Keys] J-44 vs .....  
Message-ID: <5.0.2.1.0.20011225162759.00ab2b00@KIH.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 06:43 PM 12/25/2001 +0000, Brad Hernlem wrote:

>Folks,

>

>With all the talk about straight keys I am wondering what some of the  
>experts could tell us about the various models. I have a J-44 (J-37  
>mounted on black panel with voice/tele switch). How is this different from  
>the J-38 and others?

>

>I picked this up at a swapmeet a year or so ago when I decided that I  
>would begin to study to get a license. Presently it is attached to a

>homebrewed code practice oscillator built from a 555 chip, a modem speaker  
>and packed in an Altoids tin (naturally).

>

>Brad KG6IOE

>

>The J-37 has a leaf spring and the J-38 has the conical wound spring.

Pete NV4V

>

>-----  
>Chat with friends online, try MSN Messenger: <http://messenger.msn.com>

>

-----  
Date: Tue, 25 Dec 2001 16:16:24 -0500  
From: David Hinerman <wd8civ@worldnet.att.net>  
To: qrp-1@lehigh.edu  
Subject: [115979] Re: Printed circuit board stuff & interesting DX  
Message-ID: <3.0.6.32.20011225161624.00797d00@postoffice.worldnet.att.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

At 07:41 PM 12/25/01 +0000, you wrote:

>What exactly is 'mucilage'. Is it the old-fashioned gum for sticking paper  
>together?

Leon,

Yes - it comes in a small plastic bottle with a rubber applicator nipple at  
the top.

Dave

-----  
Dave Hinerman  
WD8CIV@worldnet.att.net

-----  
Date: Tue, 25 Dec 2001 16:52:00 -0500  
From: "Greg Breeden" <gbreeden@pivot.net>  
To: <qrp-1@Lehigh.EDU>

Subject: [115980] Re: [Straight Keys]  
Message-ID: <001f01c18d8e\$6288f5e0\$8772ccd8@e4e8t7>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Group,

Great posts on straight keys. Calls to mind my first key. My first key was a J-37. I have great memories of that key because my "elmer" gave it to me. Let me explain.

I was 13 and trying to get licensed as a novice in the late 70's. I had found a Heath DX-60 TXMR and a Hallicrafters SX-100 RCVR to make the station. The only thing I did not have was a straight key.

I was not licensed yet but was scheduling a test with K9LQZ. He was the only ham I knew who could administer the test and he was glad to help. (some will remember Pre-VEC days.) I had looked around at Hamfests for keys but never found any, for some reason. One day, I asked him if he had any old keys. He grinned, looked in a junk box, and pulled out a J-37 on a J-47 Base.

He cleared his throat and said " I'll give you this key on the condition that you will promise me to follow through and become a Ham Radio operator." I said that I would and we "shook" on it. BIG stuff to a kid in the 70's.

I still have the key and would not trade it for the world. I sold off the rigs over the years, but could never part with the key. It sits on my operating table and I tell this story to all the "visitors" to my shack.

Have a good holiday Season,

Greg Breeden, AL0A

-----  
Date: Tue, 25 Dec 2001 22:04:25 +0000  
From: "Leon Heller" <leon\_heller@hotmail.com>  
To: wd8civ@worldnet.att.net, qrp-1@Lehigh.EDU  
Subject: [115981] Re: Printed circuit board stuff & interesting DX  
Message-ID: <F107Zb0ctfhwKM5R3Ld0000df6a@hotmail.com>  
Mime-Version: 1.0

Content-Type: text/plain; format=flowed

>From: David Hinerman <wd8civ@worldnet.att.net>  
>Reply-To: wd8civ@worldnet.att.net  
>To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
>Subject: Re: Printed circuit board stuff & interesting DX  
>Date: Tue, 25 Dec 2001 16:16:24 -0500  
>  
>At 07:41 PM 12/25/01 +0000, you wrote:  
> >What exactly is 'mucilage'. Is it the old-fashioned gum for sticking  
>paper  
> >together?  
>  
>Leon,  
>  
>Yes - it comes in a small plastic bottle with a rubber applicator nipple at  
>the top.

Thanks. I think it must be dextrin mixed with water.

Starch, dextrose and dextrin are all related, of course. Starch is hydrolysed under pressure to form dextrose, which is polymerised to form dextrin, a polysaccharide. Gums from plants, which used to be used as a glue, contain polysaccharides, also.

I just found the Dyna-Art page. They do use dextrin on their toner-transfer paper, as you said, applied with a special machine to get an even coating.

Leon

--

Leon Heller, G1HSM Tel: +44 1327 359058 Email:leon\_heller@hotmail.com

My web page: [http://www.geocities.com/leon\\_heller](http://www.geocities.com/leon_heller)

My low-cost Altera Flex design kit: <http://www.leonheller.com>

---

Get your FREE download of MSN Explorer at <http://explorer.msn.com/intl.asp>.

---

Date: Tue, 25 Dec 2001 22:45:58 +0000  
From: "Leon Heller" <leon\_heller@hotmail.com>  
To: w3irz@att.net, qrp-l@Lehigh.EDU  
Subject: [115982] Re: Overtone xtal with '602



Message-ID: <F231qSx4TgbckTKapLW0000e63c@hotmail.com>  
Mime-Version: 1.0  
Content-Type: text/plain; format=flowed

>From: "Mike Branca" <w3irz@att.net>  
>Reply-To: w3irz@att.net  
>To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
>Subject: Re: Overtone xtal with '602  
>Date: Tue, 25 Dec 2001 15:30:26 -0500  
>  
>To Leon and all, the NE-602 works very well as an Overtone oscillator but  
>the circuit looks a little un conventional.

[deleted]

Thanks, Mike. I just tried your suggestion and it does "work like a charm"!

My 6m DC Rx is, at the moment, simply an SA602 product detector with the overtone oscillator on 50.15 MHz followed by a TDA7052 AF amp. feeding a pair of headphones. I'll be putting a balanced pre-amp after the product detector.

73, Leon

--

Leon Heller, G1HSM Tel: +44 1327 359058 Email:leon\_heller@hotmail.com  
My web page: [http://www.geocities.com/leon\\_heller](http://www.geocities.com/leon_heller)  
My low-cost Altera Flex design kit: <http://www.leonheller.com>

-----  
Get your FREE download of MSN Explorer at <http://explorer.msn.com/intl.asp>.

-----

Date: Tue, 25 Dec 2001 15:48:15 -0700  
From: "Rod N0RC" <rod@n0rc.com>  
To: <mgolini@home.com>,  
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [115983] Re: Code Warrior Jr. question  
Message-ID: <001b01c18d96\$3df9dac0\$6401a8c0@greyrock>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Mike,

You must supply your own cable. An R/S stereo patch cable works well.

\*\*\*Happy Holidays\*\*\*

73, Rod N0RC

Ft Collins, CO

----- Original Message -----

From: "mike" <mgolini@home.com>

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Sent: Tuesday, December 25, 2001 12:20 PM

Subject: Code Warrior Jr. question

> Merry Christmas to everyone!

>

> Santa brought me a new "Vibroplex Code Warrior Jr." this year! I  
can't wait

> to use it. But I discovered there was no cable or connector to hook  
up. Is

> something missing from the package or do I have to supply my own?

>

> Happy, but confused.

>

> I wish everyone has a great holiday season this year.

>

> Regards

>

> Mike Golini, K1SLT

>

>

-----  
Date: Tue, 25 Dec 2001 18:01:49 -0500

From: Bruce Muscolino <w6toy@erols.com>

To: Pastor-KC1DI <elbc@pivot.net>

Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>

Subject: [115984] Re: [Straight Keys] J-44 vs .....

Message-ID: <3C29055D.2EF992E1@erols.com>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Well, the J-38 was never designed for combat use. It was strictly a training key during WWII. Actually one of the last times I attended Dayton I ran across a couple in the flea market who were selling replacement springs! I bought some and promptly lost them in my junk box! Fortunately my key is OK.

The europeans used much stronger keys for combat. They were mostly all of the sam design I think. Mine, though Dutch Army, was made by Junkers!

73

-----  
Date: Tue, 25 Dec 2001 18:37:22 -0500  
From: "Tom Pennebaker" <n4rs@netpath-rc.net>  
To: <Drbob92031@aol.com>,  
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Subject: [115985] Re: Stright key vs. keyers  
Message-ID: <018501c18d9d\$1ae3c080\$172a1bce@pavilion>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Depends on how sloppy your fist is.....

----- Original Message -----

From: <Drbob92031@aol.com>  
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Sent: Monday, December 24, 2001 23:07 PM  
Subject: Stright key vs. keyers

> I have been reading the post about this topic especially the post by  
w2agn. I  
> love CW but cannot get on the air very often. I have a straight key and a  
> home brew keyer. If I use the keyer I am sending much faster than I can  
copy.  
> So the straight key gets the nod (or hand). If the objective is to  
> communicate what difference does it make what key is used.  
>  
> I think W2agn has a problem.  
> 72/73 de WA2EAW..Bob  
>

-----

Date: Tue, 25 Dec 2001 17:56:03 -0600  
From: "David Bixler" <qrp@netins.net>  
To: <w0av@juno.com>,  
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Subject: [115986] RE: [Straight Keys] J-44 vs .....  
Message-ID: <DBEPKBJH00EAHCKKIHPFAEBACLAA.qrp@netins.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

George Franklin wrote:

>During WW2 I operated a hand-key with a metal clip to hold it to one's  
>knee for mobile (armored car) CW operation.

>Don't remember what kind of nomenclature it bore or what type of  
>spring,  
>but there was nothing weak about the knee-clamp. In spite of all my  
>attempted stretching of the thing it felt like all circulation was  
>being  
>blocked in that leg after an hour or so.

George, that may have been the J-47 key with the swing-away leg  
strap. I used one myself in the service in the 60's. Just  
happened to find a nice one at Fair Radio a number of years ago and  
have on occasion used it for CW mobile operation - works fine.

It is the same key as my J-44 with a leaf spring, but does not  
have the "Voice - Teleg" switch.

Does that entitle me to become a "COG"?

72 Dave

David Bixler W0CH  
Seneca, MO  
Main Web Site: <http://www.qsl.net/w0ch>  
Mirror Site: <http://showcase.netins.net/web/w0ch>

QRP: Little Radios, Big Fun!

-----  
End of QRP-L Digest 2416

\*\*\*\*\*

-----